

Estudio de Mercado compra mínima cuantía

Descripción	Cantidad	Cotización 1		Cotización 2		Cotización 3		PROMEDIO POR ITEM Y TOTAL
		Valor unitario	Valor total	Valor unitario	Valor total	Valor unitario	Valor total	
PRIMER_E_F1-ACAGGTACGTTAATAGTTAATAGCGT	1	\$253.300	\$301.427	\$135.000	\$ 160.650	N/A	N/A	\$231.039
PRIMER_E_R2ATATTGCAGCAGTACGCACACA	1	\$253.300	\$301.427	\$135.000	\$ 160.650	N/A	N/A	\$231.039
PRIMER_RdRP_F2GTGARATGGTCATGTGTGGCGG	1	\$253.300	\$301.427	\$135.000	\$ 160.650	N/A	N/A	\$231.039
PRIMER_RdRp_R1CARATGTTAAASACACTATTAGCATA	1	\$253.300	\$301.427	\$135.000	\$ 160.650	N/A	N/A	\$231.039
PRIMER_RNaseP_FAGATTTGGACCTGCGAGCG	1	\$253.300	\$301.427	\$135.000	\$ 160.650	N/A	N/A	\$231.039
PRIMER_RNaseP_RGAGCGGCTGTCTCCACAAGT	1	\$253.300	\$301.427	\$135.000	\$ 160.650	N/A	N/A	\$231.039
PRIMER_N_FGGGGAACCTCTCTGCTAGAAT	1	\$253.300	\$301.427	\$135.000	\$ 160.650	N/A	N/A	\$231.039
PRIMER_N_RCAGACATTTTGCTCTCAAGCTG	1	\$253.300	\$301.427	\$135.000	\$ 160.650	N/A	N/A	\$231.039
SONDA_N_HEX-TTGCTGCTGCTTGACAGATT-BHQ1	1	\$3.143.900	\$3.741.241	\$1.690.000	\$ 2.011.100	N/A	N/A	\$2.876.171
SONDA_E_FAM-ACACTAGCCATCCTTACTGCGCTTCG-BHQ1	1	\$2.554.400	\$3.039.736	\$1.590.000	\$ 1.892.100	N/A	N/A	\$2.465.918
SONDA_RdRp_FAM-CAGGTGGAACCTCATCAGGAGATGC-BHQ1	1	\$2.554.400	\$3.039.736	\$1.590.000	\$ 1.892.100	N/A	N/A	\$2.465.918
SONDA_RNaseP_HEX-TTCTGACCTGAAGGCTCTGCGCGC-BHQ1	1	\$3.143.900	\$3.741.241	\$1.690.000	\$ 2.011.100	N/A	N/A	\$2.876.171
Twist Synthetic SARS-CoV-2 RNA Control 1 (MT007544.1)-100uL1000, Serie DNA Engine Opticon®, Chromo4TM, PTC-100®, Serie DNA Engine®; Eppendorf Mastercycler	2	N/A	N/A	N/A	N/A	\$2.692.000	\$ 3.203.480	\$6.406.960
TOTAL			\$15.973.370		9.091.600		\$ 3.203.480	\$18.939.445
		Cotizante 1		Cotizante 2		Cotizante 3		

Bogotá, 18 de noviembre de 2020



COTIZACIÓN No. 20-2324-0

Señores:

DIRECCIÓN TERRITORIAL DE SALUD DE CALDAS
800114312-5

Atn: Dra. **Mónica Alexandra Díaz Sánchez**

Subdirección de Salud Pública

Tel: 57-4-3128751142

coordinadorlaboratorio@saluddecaldas.gov.co

Manizales

TIEMPO DE ENTREGA: 10-15 días a partir de recibida OC

FORMA DE PAGO: Anticipado

VALIDEZ DE LA OFERTA: 30 días

Ítem	Referencia	Cantidad	V.Unitario	Subtotal	IVA	V. Total
1. CAT #: PPC-1		8	\$ 253.300	\$ 2.026.400	\$ 385.016	\$ 2.411.416
Oligonucleotido (Primer) de hasta 30 bases, cotizado con la compra de una Sonda . LGC BIOSEARCH						
Certificación INVIMA No. RS_RIV2020-0000154. RUO - Para uso en Investigación						
Purificación RPC (Cartucho). Escala de síntesis 1 µmol. Concentración entregada 300 nmol						
Servicio de síntesis para uso en Investigación o Desarrollo.						
2. CAT #: DLO-HB1-1		1	\$ 3.143.900	\$ 3.143.900	\$ 597.341	\$ 3.741.241
Sonda de marcaje Dual tipo Taqman. Dual-labeled Probe, 5' HEX/3' BHQ-1 . LGC BIOSEARCH						
Certificación INVIMA No. RS_RIV2020-0000154. RUO - Para uso en Investigación						
Purificación Dual HPLC. Escala de síntesis 1 µmol. Concentración entregada 80 nmol						
Servicio de síntesis para uso en Investigación o Desarrollo.						
3. CAT #: DLO-FB1-1		2	\$ 2.554.400	\$ 5.108.800	\$ 970.672	\$ 6.079.472
Sonda de marcaje Dual tipo Taqman. Dual-labeled Probe, 5' FAM/3' BHQ-1 . LGC BIOSEARCH						
Certificación INVIMA No. RS_RIV2020-0000154. RUO - Para uso en Investigación						
Purificación Dual HPLC. Escala de síntesis 1 µmol. Concentración entregada 80 nmol						
Servicio de síntesis para uso en Investigación o Desarrollo.						
4. CAT #: DLO-HBN-1		1	\$ 3.526.000	\$ 3.526.000	\$ 669.940	\$ 4.195.940
Sonda de marcaje Dual tipo Taqman. 5' HEX BHQnova Probe. LGC BIOSEARCH						
Certificación INVIMA No. RS_RIV2020-0000154. RUO - Para uso en Investigación						
Purificación RP HPLC. Escala de síntesis 1 µmol. Concentración entregada 60 nmol						
Servicio de síntesis para uso en Investigación o Desarrollo.						
Favor remitir orden de compra con copia a ventas@amltda.com					SUBTOTAL	\$ 13.805.100
					IVA	\$ 2.622.969
					TOTAL COP \$	\$ 16.428.069

Favor confirmar correo electrónico para enviar Factura Electrónica, con copia a ventas@amltda.com

Atentamente,

Antonio Mejía Eslava
ventas@amltda.com
Tel: 3187352387

ANEXO DE COTIZACION DE SERVICIO DE SINTESIS DE OLIGONUCLEOTIDOS (PRIMERS) Y/O SONDAS

CUENTA:
GENERADO POR:

DIRECCIÓN TERRITORIAL DE SALUD DE CALDAS
Paula Andrea Chacua Mojica

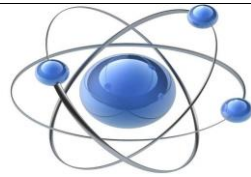
COTIZACIÓN No.
FECHA

20-2324-0
18-nov-20

ITEM	REF AM	CATÁLOGO	CANTIDAD	PRECIO SIN IVA	TOTAL CANTIDADES	TOTAL + IVA	NOMBRE	SECUENCIA (5' > 3')	OBS
1	PRIMER	PPC-1	1	\$ 253.300,00	\$ 253.300,00	\$ 301.427,00	PPC-1-E_F1	ACAGGTACGTTAATAGTGAATAGCGT	Purificado por cartucho - 1µmol (con sonda)
2	PRIMER	PPC-1	1	\$ 253.300,00	\$ 253.300,00	\$ 301.427,00	PCC-1-E_R2	ATATTGCAGCAGTACGCACACA	Purificado por cartucho - 1µmol (con sonda)
3	PRIMER	PPC-1	1	\$ 253.300,00	\$ 253.300,00	\$ 301.427,00	PPC-1-RdRp_F2	GTGARATGGTTCATGTGTGGCGG	Purificado por cartucho - 1µmol (con sonda)
4	PRIMER	PPC-1	1	\$ 253.300,00	\$ 253.300,00	\$ 301.427,00	PPC-1-RdRp_R1	CARATGTTAAASACACTATTAGCATA	Purificado por cartucho - 1µmol (con sonda)
5	PRIMER	PPC-1	1	\$ 253.300,00	\$ 253.300,00	\$ 301.427,00	PPC-1-RNaseP_F	AGATTGGACCTGCGAGCG	Purificado por cartucho - 1µmol (con sonda)
6	PRIMER	PPC-1	1	\$ 253.300,00	\$ 253.300,00	\$ 301.427,00	PPC-1-RNaseP_R	GAGCGGCTGTCTCCACAAGT	Purificado por cartucho - 1µmol (con sonda)
7	PRIMER	PPC-1	1	\$ 253.300,00	\$ 253.300,00	\$ 301.427,00	PPC-1-N_F	GGGGAACCTTCTCTGCTAGAAT	Purificado por cartucho - 1µmol (con sonda)
8	PRIMER	PPC-1	1	\$ 253.300,00	\$ 253.300,00	\$ 301.427,00	PPC-1-N_R	CAGACATTTTGTCTCAAGCTG	Purificado por cartucho - 1µmol (con sonda)
9	SONDA	DLO-HB1-1	1	\$ 3.143.900,00	\$ 3.143.900,00	\$ 3.741.241,00	DLO-HB1-1-N_SV	HEX - TTGCTGCTGCTTGACAGATT - BHQ1	Marcaje dual HEX BHQ1 - 1µmol
10	SONDA	DLO-FB1-1	1	\$ 2.554.400,00	\$ 2.554.400,00	\$ 3.039.736,00	DLO-HB1-1-E_SV	FAM - ACACCTAGCCATCCTTACTGCGCTTCG - BHQ1	Marcaje dual FAM BHQ1 - 1µmol
11	SONDA	DLO-FB1-1	1	\$ 2.554.400,00	\$ 2.554.400,00	\$ 3.039.736,00	DLO-HB1-1-RdRp_S2V	FAM - CAGGTGGAACCTCATCAGGAGATGC - BHQ1	Marcaje dual FAM BHQ1 - 1µmol
12	SONDA	DLO-HBN-1	1	\$ 3.526.000,00	\$ 3.526.000,00	\$ 4.195.940,00	DLO-HB1-1- RNaseP_SV	HEX - TTCTGACCTGAAGGCTCTGCGCGCG - BHQNova	Marcaje dual HEX BHQNova - 1µmol
\$ 16.428.069,00									

* Con la orden de compra remitir secuencias digitadas, no transcribimos. Especificar REFERENCIA AM, CATÁLOGO, número o nombre del ítem. * Los valores de la presente cotización aplican para el pedido del número total de ítems solicitados. Si desea modificar la cantidad de los ítems, por favor solicite una nueva liquidación. * Tiempo de entrega: 10-12 días

La purificación por cartucho de fase reversa, asegura una pureza del 80-90%. Los contaminantes como secuencias truncadas, sales de amonio e impurezas son removidas del producto final. Para oligos de 50 bases o menos la purificación por cartucho asegura la obtención de oligos de longitud completa. Las especificaciones finales de QC por espectrometría de masas para todos los oligos sintetizados se asegura en ±0.1% de diferencia con la masa teórica. Los oligos libres de sales quedan libres de productos de la síntesis de los mismos, pero no se remueven las secuencias truncadas. Son recomendados para aplicaciones como microarreglos, secuenciación o PCR. Las especificaciones finales de QC por espectrometría de masas para todos los oligos sintetizados se asegura en ±0.1% de diferencia con la masa teórica.



BIOCELL SCI

Empresa / Dependencia			Cotización #		3313A				
Universidad de Caldas			F. Solicitud		martes 17 de noviembre de 2020				
Laboratorio de Biología Molecular para Diagnóstico de COVID-19			F. Envío		martes 17 de noviembre de 2020				
Solicitado por			Teléfonos		Cel.		3217709802		
Dr. Diego Andres Ospina Loaiza			Email		diegospina5@gmail.com				
Item	Referencia	Artículo	Vlr Unitario	cant.	MARCA	IVA-19 %	Valor con IVA	Valor Total.	Tiempo de Entrega
		Sondas y Primers Protocolo de Berlin -Primers Purificados BioRP / Sonidas Purificadas HPLC - Escala de 200 nmol - cada Primer alcanza para 6000 PCRs / Sonidas 5000 a 6000 PCRs							
1	E_Sarbeco_F1	ACAGGTACGTTAATAGTTAATAGCGT	\$ 135.000	1	BIONEER	\$ 25.650	\$ 160.650	\$ 160.650	5 Dias Fecha OC
2	E_Sarbeco_R2	ATATTGCAGCAGTACGCACACA	\$ 135.000	1	BIONEER	\$ 25.650	\$ 160.650	\$ 160.650	5 Dias Fecha OC
3	RdRP_SARSr-F2	GTGARATGGTCATGTGTGGCGG	\$ 135.000	1	BIONEER	\$ 25.650	\$ 160.650	\$ 160.650	5 Dias Fecha OC
4	RdRP_SARSr-R1	CARATGTTAAASACACTATTAGCATA	\$ 135.000	1	BIONEER	\$ 25.650	\$ 160.650	\$ 160.650	5 Dias Fecha OC
5	RnaseP For	AGATTTGGACCTGCGAGCG	\$ 135.000	1	BIONEER	\$ 25.650	\$ 160.650	\$ 160.650	5 Dias Fecha OC
6	RnaseP Rev	GAGCGGCTGTCTCCACAAGT	\$ 135.000	1	BIONEER	\$ 25.650	\$ 160.650	\$ 160.650	5 Dias Fecha OC
7	N_F	GGGGAACTTCTCTGCTAGAAT	\$ 135.000	1	BIONEER	\$ 25.650	\$ 160.650	\$ 160.650	15-20 Dias Fecha OC
8	N_R	CAGACATTTTGCTCTCAAGCTG	\$ 135.000	1	BIONEER	\$ 25.650	\$ 160.650	\$ 160.650	15-20 Dias Fecha OC
9	N_SV P1 HEX	HEX - TTGCTGCTGCTTGACAGATT-BHQ1	\$ 1.690.000	1	BIONEER	\$ 321.100	\$ 2.011.100	\$ 2.011.100	15-20 Dias Fecha OC
10	E_Sarbeco_P1 HEX	FAM - ACACTAGCCATCCTTACTGCGCTTCG - BHQ1	\$ 1.590.000	1	BIONEER	\$ 302.100	\$ 1.892.100	\$ 1.892.100	5 Dias Fecha OC
11	RdRP_SARSr-P2 HEX	FAM - CAGGTGGAACCTCATCAGGAGATGC - BHQ1	\$ 1.590.000	1	BIONEER	\$ 302.100	\$ 1.892.100	\$ 1.892.100	5 Dias Fecha OC
12	RnaseP Pro1 HEX	HEX - TTCTGACCTGAAGGCTCTGCGCG - BHQ1	\$ 1.690.000	1	BIONEER	\$ 321.100	\$ 2.011.100	\$ 2.011.100	5 Dias Fecha OC
Lugar de Entrega:		En sus Instalaciones	El Envío de los Productos no Tiene Ningun Costo				SUBTOTAL	\$ 7.640.000	
Vigencia de Precios:		30 días fecha Cotización o Hasta una TRM de 3.850 pesos					IVA	\$ 1.451.600	
Condiciones de Pago:		A convenir					TOTAL	\$ 9.091.600	
Observaciones			Nota: Las Importaciones de AMRESO / THERMO / LABNET / CAISSON se realizan los 30 de cada mes.						
TODOS LOS PRODUCTOS PARA ENTREGA INMEDIATA, SE ENCUENTRAN EN PLAZA PERO EN CANTIDADES LIMITADAS. NO SE SEPARAN SIN ORDEN DE COMPRA. EN CASO DE VENTA PREVIA A OTRO CLIENTE SE PROCEDERA A IMPORTAR NUEVAMENTE			Elaborada Por:					MEDIO DE ENVIO	
								Email	X
								Fax	

NIT. 860.500.862-8
SOMOS RÉGIMEN COMÚN
RESOL. N° 012635 DEL 14/12/2018

SEÑORES:

COT-015785

Preparado por: ANA TORRES

DIA	MES	AÑO
10	NOV	2020

Autorizado por: **CLAUDIA CEDEÑO CONSTANZA**

VENDEDOR

Recibido por:

10CCEDENO

Observaciones:		Sub Total:	\$2.692.000,00
		IVA:	\$511.480,00
Validez de la Oferta	60 dias	Valor Total:	\$3.203.480,00
Plazo de Entrega	45 dias despues OC		
Forma de Pago	50% anticipado		
Favor realizar la consignación a nombre de ROCHEM BIOCARE COLOMBIA S.A.S. Banco de Bogotá, Código (01), CTA.CTE. 020-21211-4			



TWIST BIOSCIENCE DISTRIBUTION AGREEMENT

MASTER DISTRIBUTION AGREEMENT TO INCLUDE REGION

This Master Distribution Agreement (“**Agreement**”) is entered into as of the Effective Date set forth below by and between Twist Bioscience Corporation, a Delaware corporation (“**Twist**”) and the distributor identified below (“**Distributor**”) for the purpose of the supply by Twist of certain DNA products to Distributor for sale and distribution by Distributor to end-user customers, all as described under and subject to the terms and conditions of this Agreement below and the associated Twist Master Distribution Terms and Conditions. Distributor and Twist may be referred to herein individually as a “**Party**” and collectively as the “**Parties**.”

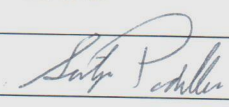
Distributor:	ROCHEM BIO CARE COLOMBIA SAS
Distributor Address:	CALLE 13 # 60-49 PISO 2, BOGOTA , COLOMBIA
Twist Contact Information:	Twist Bioscience Corporation Attention: Mark Daniels 681 Gateway Blvd., South San Francisco, CA 94080 mdaniels@twistbioscience.com
Effective Date:	October 1, 2019
Products, Pricing & Payment Terms:	See <u>Exhibit A</u> attached hereto and Section 3.3 below.
Branding, Marketing and Promotions	See <u>Exhibit B</u> attached below.
Distributor Billing and Payment Instructions:	Payments by ACH or Wire transfers are preferred: Silicon Valley Bank 3003 Tasman Drive Santa Clara, CA 95054 ABA Routing Number: 121140399 Swift Code: SVBKUS6S Account Number: 3300967131 *Please include invoices number(s) with your wire transfer For payment by check, please mail them to: Twist Bioscience Corporation Attn: Accounts Receivable Dept. 681 Gateway Blvd South San Francisco, CA 94080

	USA For any billing inquiries, you can contact: accountsreceivable@twistbioscience.com
Supplemental Terms	☐ If checked, this Master Agreement is also subject to any attached Supplemental Terms, which are hereby incorporated into this Master Agreement and made part of it.

This Agreement is subject to the Twist Master Distribution Terms and Conditions attached hereto and incorporated herein by this reference and may be modified only in accordance with the terms provided therein.

All capitalized terms not otherwise defined in this Agreement shall have the meanings given thereto in the Twist Master Distribution Terms and Conditions.

This Agreement and the associated Twist Master Distribution Terms and Conditions are hereby accepted and agreed to by duly authorized representatives of Twist and Distributor as follows:

TWIST BIOSCIENCE CORPORATION	DISTRIBUTOR:
By: <i>Emily Leproust</i> Emily Leproust	By: Rochem Biocare Colombia SAS
Name: CEO	Name: Santiago Padilla 
Title:	Title: General Manager



TWIST MASTER DISTRIBUTION TERMS AND CONDITIONS

1. GENETIC PRODUCT DISTRIBUTION

1.1 Distributor Authorization. Subject to the terms and conditions of this Agreement, Twist hereby appoints and authorizes Distributor during the term of this Agreement to serve as a non-exclusive distributor of the synthesized DNA products (as described in the Agreement and/or a Quotation) in Republic of Colombia to be supplied by Twist to or at the direction of Distributor from time to time under this Agreement ("**Products**"). Distributor may provide or distribute the Products solely to end user customers of Distributor either as stand-alone Products or as incorporated into genes or other products of Distributor ("**Distributed Products**"). Distributor shall not provide, sell or distribute Products to or through resellers, sub-distributors, other intermediaries or third parties who are not the end users of such Products, unless Distributor obtains Twist's prior written consent on a case-by-case basis (and in such case, additional terms and conditions may apply). Furthermore, Distributor may not provide, sell or distribute Products to anyone listed on Exhibit A attached hereto (and incorporated herein by reference) as a restricted customer or otherwise as someone to whom Distributor may not distribute Products. For purposes of this Agreement any person or entity receiving, possessing or using Products or Distributed Products, other than Distributor or Twist, shall be an "**End User**" hereunder. **Non-exclusive distribution rights of synthesized DNA products hereunder includes the territory of Panama.**

1.2 Product Orders. During the Term (as defined below) Distributor may order Products from Twist for distribution from time to time in accordance with the following process. Distributor will provide Twist with a sequence request submission form for each Product, including information for each End User ordering such Product, (the "**Sequence Submission**"), whether through Twist's website, in connection with the Agreement, by written notice or otherwise, describing the genetic sequence upon which the synthesis of the desired Product is to be based. Distributor shall ensure that each Sequence Submission conforms to and is consistent with any sequence parameters and guidelines specified in the Agreement (including, without limitation, Section 2.2) and/or otherwise published by Twist. If Twist is willing and believes it is able to manufacture and supply the Product referenced in the Sequence Submission, Twist will issue a quotation to Distributor ("**Quotation**"), whether online through Twist's website or otherwise, setting out the price for the Products and other relevant details regarding their manufacture and supply hereunder. In some cases, Twist may issue one or more preliminary quotations or estimates with non-binding approximations amounts until the details of the proposed order are finalized; however, only Twist's firm final quotation shall be deemed a Quotation for purposes of this Agreement. Twist has no obligation to issue Quotations and each Quotation shall only be valid for the time period stated therein (or if not so stated, for a period of thirty (30) days) after which such Quotation shall expire. Distributor may issue a purchase order to Twist (whether online through Twist's website or otherwise) for Products in accordance with the Quotation prior to its expiration, and consistent with the Agreement, which describes the type and quantity of Products to be ordered and the associated total price (as per the Quotation) as well as delivery details to the extent not included in the Agreement ("**Purchase Order**"). Twist may review the Sequence Submission and any associated Purchase Order for, among other things, feasibility, biosecurity, conformity with the Agreement, legal compliance and other issues to determine whether or not to issue a Quotation and/or accept the Purchase Order. Twist may accept or reject any Purchase Order in its sole discretion. If rejected, such Purchase Order shall become null and void; however, Distributor may issue a new Sequence Submission and/or Purchase Order reflecting any feedback Twist may provide (if any) regarding such rejected Sequence Submission and/or Purchase Order, under the same process as described above. A Purchase Order, together with its associated Sequence Submission and Quotation, along with any terms and conditions of the Agreement applicable to Product orders, shall collectively become an "**Order**" under this Agreement that may be accepted by Twist. Once an Order is accepted by Twist, Distributor may not cancel such Order. No additional terms contained in any Purchase Order, Sequence Submission, invoice or other ordering document, or correspondence shall bind either Party or be construed to modify or amend the terms of this Agreement. In the event of any conflict, the Agreement, shall control and take precedence, followed by the Quotation, the Sequence Submission and the Purchase Order, in that order.

1.3 Product Supply. Upon Twist's acceptance of an Order in accordance with this Agreement, Twist will use commercially reasonable efforts to synthesize and supply the Products designated in the Order based on the corresponding Quotation and Sequence Submission in accordance with the terms and conditions of this Agreement. Twist will have no obligation to commence any synthesis or other activities with respect to any Products until an Order has been accepted for such Products as provided herein. In the event that, despite using commercially reasonable efforts, Twist determines that it has failed to make the Products, Twist will notify Distributor thereof and the corresponding Order shall thereupon be cancelled. Twist may also cancel any Order if Twist determines (in its reasonable discretion) a need to do so for biosecurity, biosafety, patent infringement, export restrictions and/or feasibility reasons. Any cancellation of an Order as described above shall be without penalty or liability to Twist (provided that any prepaid amounts for such Products shall be promptly refunded to Distributor by Twist, or if Distributor so requests, credited toward future purchases under this Agreement). Notwithstanding anything to the contrary herein, nothing in the Agreement shall limit or restrict Twist's right and ability at all times to provide, sell, supply or distribute products and services to third parties (whether to other distributors, end users or other third parties) which are similar or identical to the Products or services made, provided or supplied under this Agreement.

1.4 Shipment and Delivery Terms. Twist will use commercially reasonable efforts to ship Products by the target delivery date specified in the Order (which in any event shall not be less than sixty (60) days after acceptance of such Order), subject to availability of capacity and adequate lead times. All Products will be shipped Ex Works (Incoterms 2010) Twist's facility to the delivery address specified in the Order. Except as otherwise stated in the Order, Twist may ship all Products using the means and carrier of its choice. Twist reserves the right to deliver Orders in installments, where applicable, in which case Twist will send a separate invoice for each delivery. Distributor will pay for all shipping, handling, insurance, processing fees, freight and customs for Products shipped hereunder. Products are deemed shipped and delivered to or at the direction of Distributor when tendered to the applicable commercial carrier at Twist's facility. At this point, title to the Products passes to Distributor (subject to Distributor's payment in full of all Fees therefor) and Distributor becomes responsible for risk of loss and damage. Twist does not clear Products for import into Distributor's country if outside the U.S., which is Distributor's sole responsibility.

1.5 Delivery Acceptance and Returns. If any Products shipped to or at the direction of Distributor under an Order do not materially conform to the applicable Sequence Submission and Quotation or other specifications in the Order, or are damaged or short in quantity by more than ten percent (10%) or such other percentage specified in the applicable Quotation (except where any of the foregoing are due to causes occurring during or after shipment), then Distributor can notify Twist to arrange for the return of such Products within twenty (20) days of Distributor's receipt and replacement of such Products. If Distributor does not notify Twist of such non-conformance, damage, or shortfall within such time period, such Products will be deemed accepted and fully conforming and compliant for purposes of this Agreement. If Distributor timely notifies Twist and, if requested by Twist, returns the Products to Twist in accordance with Twist's reasonable instructions (within no more than twenty (20) days), Twist will use commercially reasonable efforts to produce and ship to Distributor replacement Products within a reasonable period of time; provided that Twist may cancel such Order (and refund or credit to Distributor any prepaid amounts received from Distributor) if Twist has already shipped replacement Products for such Order once before or if Twist is unable to produce conforming Products. Claims for non-conforming Products and remedies therefore shall only be available directly to Distributor and such claims may not be made by End Users nor shall End Users have any rights or remedies with respect thereto. The foregoing shall be Distributor's sole and exclusive remedy, and Twist's sole and exclusive liability, for any failure of Products to conform to the Order (including without limitation to any Sequence Submission or Quotation) or otherwise be satisfactory. Shipping charges of Distributor will not be credited or refunded with respect to returns. If and only if expressly provided in the Quotation or the Agreement, the Products may be fully sequence verified. Notwithstanding the foregoing, in some cases, Twist will not be able to verify sequences with a high degree of internal repetition or strong secondary structures, and if this is the case, and the Quotation expressly provides that the Products will be fully sequence verified, then Twist will deliver the final construct length verified if intermediate products have previously been sequence verified.

2. SEQUENCES, MATERIALS, RESTRICTIONS AND RESPONSIBILITIES

2.1 Distributor Sequences and Materials. In connection with each Order, Distributor will provide to Twist certain genetic sequences and related information in its Sequence Submission and/or related documents and

correspondence (“**Sequence Information**”). Distributor shall ensure (and represents and warrants) that the Sequence Information is accurate and complete with respect to each Product in the corresponding Order and, as and if applicable, conforms to the Agreement. Furthermore, to the extent specified in the Agreement and any corresponding Order (or otherwise agreed by the Parties), Distributor shall provide (or have provided) to Twist sufficient amounts of certain materials (such as, for example, vectors or plasmids) and associated information to be used by Twist to produce Products or otherwise perform under this Agreement (collectively, “**Distributor Materials**”). Distributor shall ensure (and represents and warrants) that the Distributor Materials comply with the quantity, volume and other parameters, criteria and requirements set forth in the Agreement and other aspects of the Order therefor (including without limitation any supplements, exhibits attached to either of them). Distributor will ensure that all Sequence Information and Distributor Material will be de-identified and otherwise stripped of any identifiers indicating the personal identity of the individual source and will not include any “Protected Health Information” as defined in 45 C.F.R. section 164.501 or other information the disclosure of which is prohibited by applicable law. Twist shall not be liable or responsible for (nor be in breach hereunder on account of) any errors, inaccuracies, deficiencies or problems with any Sequence Information or Distributor Materials provided to Twist hereunder.

2.2 Distributor Deliverables. Distributor shall provide the Sequence Information and Distributor Materials (collectively, “**Distributor Deliverables**”) at its sole expense (including without limitation any shipping and handling) according to the timelines and other details in the Order or, if not so specified, in a prompt and timely manner so as to allow Twist’s timely performance of its supply of Products and otherwise under this Agreement. Distributor agrees to label, package, and transport the Distributor Materials in accordance with applicable laws. Title to the Distributor Materials shall remain with Distributor (and its licensors, suppliers, customers or End Users if and as applicable). Distributor represents and warrants that (a) Distributor has all rights, licenses, consents and permissions required to provide the Distributor Deliverables to Twist and for Twist to use such Distributor Deliverables to make and supply the Products and otherwise perform under this Agreement; (b) Distributor has the right to have the Sequence Information synthesized and made by Twist hereunder; and (c) Twist’s possession and use of the Distributor Deliverables and any Product that Distributor orders under and in accordance with this Agreement shall not violate any applicable laws or Distributor agreement, require registration or other action under Federal Select Agent Program regulations or other biosecurity requirements (collectively, “**Biosecurity Requirements**”) or infringe or misappropriate the intellectual property rights of any third party. Without limiting the foregoing, Distributor shall not provide any Distributor Deliverables or order any Product that are, contain or code for (and hereby represents and warrants that no Distributor Deliverable and no Product ordered is or contains the full protein coding sequence for) (i) any sequence coding for functional forms of a toxin covered by Biosecurity Requirements, (ii) greater than 20 percent of the genomes of a bacteria or virus covered by Biosecurity Requirements, (iii) a sequence capable of transferring pathogenic potential of any organism or virus covered by Biosecurity Requirements, (iv) radioactive isotopes, or (v) hazardous materials. Distributor further represents and warrants that it has provided Twist with all material information of which Distributor is aware regarding any toxic substances or material hazards associated with the handling, transport, exposure or other usage of the Distributor Deliverables or Products based on the Sequence Information. Twist reserves the right (but has no obligation under this Agreement) to screen all Purchase Orders and associated Sequence Submissions as Twist believes is appropriate to help ensure legal compliance with respect to Orders including by, without limitation, screening against the list of select agents published by the International Gene Synthesis Consortium (IGSC), the list of Select Agents and Toxins covered by Biosecurity Requirements, and any similar list to promote biosecurity (and if applicable, reject any Purchase Orders or cancel any Orders as appropriate). Distributor shall cooperate with Twist in connection with such screening by, among other steps, on request providing written confirmation regarding Distributor’s identity and/or an End User’s identity or information, the use of Products and/or Distributed Products, Products’ status under Biosecurity Requirements, or other matters. Distributor guarantees the accuracy of any such written confirmation, and Distributor’s supply of any inaccurate written confirmation or Distributor actions that conflict with such written confirmation shall constitute a breach of this Agreement.

2.3 Twist Use of Distributor Deliverables. Distributor hereby grants Twist and its affiliates a nonexclusive license to use and develop the Distributor Deliverables solely to make and supply the Products under an Order (including without limitation any synthesis, validation and quality control activities in connection therewith) and otherwise perform under this Agreement in accordance with its terms and to comply with applicable laws and regulations. Twist shall not sell, transfer, disclose or otherwise provide access to the Distributor Deliverables to any third party without the prior written consent of Distributor except in connection with a Permitted Assignment (as defined below) of this Agreement or as required to comply with applicable laws and regulations. Except to the extent the Order or this Agreement expressly states otherwise, or pursuant to Distributor’s prior written consent, Twist agrees

(a) to use the Distributor Deliverables solely for the licensed purposes described above; and (b) not to analyze the Distributor Deliverables or cause the Distributor Deliverables to be further analyzed, except to the extent necessary for the licensed purposes described in this Agreement. Twist shall have no obligation to return any unused Distributor Deliverables nor shall Twist have any liability for any damage to or destruction of any Distributor Deliverables. Twist may extend the foregoing rights (and disclose the Distributor Deliverables under comparable confidentiality restrictions) to affiliates and third party service providers working on behalf of Twist with respect to the permitted purposes. Notwithstanding the foregoing, with respect to data and information within the Distributor Deliverables, Twist may use such data for certain limited internal purposes as expressly authorized in Twist's published Privacy Policy. Notwithstanding any other provision of this Agreement, Twist reserves the right, at its sole discretion, to reject any Distributor Deliverable or to cancel any Order on the grounds that, in Twist's opinion, such Distributor Deliverable or Order presents a health or safety risk.

2.4 Distributor Responsibilities. Distributor will use commercially reasonable efforts to market, sell and distribute Products to End Users at its own cost and expense and in a diligent and professional manner, consistent with industry standards and in compliance with applicable laws and this Agreement. Distributor shall not do anything that would tend to discredit, dishonor, reflect adversely on or injure the reputation of Twist. Distributor shall not (a) make any legally binding representations, warranties, or guarantees with respect to the Products on behalf of Twist or that would bind Twist or for which Twist would be liable, (b) enter into any other legally binding obligations on behalf of Twist, or (c) make any misrepresentations or false or misleading statements, comments, or materials regarding the Products, Distributed Products insofar as the representation, statement, comment, or materials are in regard to the Products, or Twist. In addition to providing the Distributor Materials as set forth above, Distributor will provide Twist with reasonable cooperation and assistance in connection with Twist's production and supply of Products and other performance under this Agreement. In addition to and without limiting the foregoing, Distributor will perform those tasks and fulfill those responsibilities specified in this Agreement (including without limitation the provision of Distributor Deliverables) and the applicable Order (collectively, "**Distributor Responsibilities**"). Distributor understands and agrees that Twist's production and supply of Products and performance under this Agreement is dependent on and subject to Distributor's timely and complete performance of Distributor Responsibilities and Distributor's provision of complete and accurate information. Distributor shall comply (and shall ensure its End Users comply) with all applicable laws (including without limitation any applicable Biosecurity Requirements and export laws and regulations) in connection with its activities and performance under this Agreement and in connection with the use or distribution of any Products.

2.5 Distributor Marketing and Promotions. Distributor shall include such branding, acknowledgments and notices regarding Twist and the Products as set forth on Exhibit B hereto (which is incorporated herein by reference). The form and format of any Twist branding shall be subject to Twist's prior written approval before use. Distributor shall provide all promotional and marketing materials regarding Products to Twist for review, comment, and approval prior to use. Distributor shall also engage in such marketing and promotional activities, if any, (and/or collaborate with Twist with respect thereto) as set forth in Exhibit B. Except as otherwise set forth in this Agreement, Distributor shall not use Twist's logos, trade names, trademarks, branding for publicity, marketing, or any other external communications without the prior written consent of Twist. Distributor shall obtain and maintain, at its own expense, all legal and governmental permits, licenses, certifications and authorizations required for Distributor to market, sell and distribute Products and otherwise perform under this Agreement.

2.6 End User Customers. Prior to any provision, sale or distribution of any Product to an End User (whether stand-alone or as included within another product), Distributor shall ensure such End User has agreed in writing to be bound by terms and conditions consistent with the applicable terms and conditions of this Agreement and Twist shall be made a third party beneficiary of such End User agreements (but Twist shall not be bound by or subject to such agreements). Without limiting the foregoing, End Users shall (a) agree to comply with the Product and/or Distributed Product use restrictions and terms in Section 2.7, (b) provide the warranties and agree to the other terms regarding any sequences and materials provided or designated by End Users (if any) in Sections 2.1 and 2.2 (and provide any required rights therein as per Section 2.3), (c) agree to confidentiality terms at least as protective as those in Section 6, (d) agree to provisions regarding Twist vectors, if any are included in Products as per Section 7.1, and (e) agree to disclaimers of warranty, indemnification and limitations on liability at least as protective as provided in Sections 7.2, 8.2, 8.3 and 8.4. If requested by Twist with respect to any Order, Distributor shall provide information about the End User(s) who will receive or buy the Products to be supplied under such Order (which may include the name, location and/or other information about the End User(s) as Twist may reasonably request for biosecurity, export

and other legal compliance purposes). Such Order may not be accepted or may be cancelled by Twist based on such information. Distributor shall be solely responsible and liable for End User's compliance with the applicable restrictions, terms and conditions of this Agreement. Distributor shall notify Twist promptly if Distributor becomes aware of any breach by an End User of any material and applicable provision of this Agreement. Distributor shall be solely responsible and liable for End User interactions and support, and any issues or problems raised by End User or End User's use of any Products (and Twist shall have no obligations or liability with respect to any of the foregoing). Twist's obligations shall be limited solely and directly to the Distributor as set forth in this Agreement.

2.7 Limitations and Restrictions on Use of Products. The Products are intended and provided for internal research use only and Distributor and End Users shall not use the Products and/or Distributed Products for any other purposes. Distributor and End Users shall be solely responsible for their use of the Products and/or Distributed Products. The Products have not been approved, cleared, authorized or licensed by the United States Food and Drug Administration ("FDA") or any other applicable governmental agency, within or outside the United States, for any use. Distributor and End Users shall not use any Product and/or Distributed Products in humans to treat or diagnose any condition nor for any other diagnostic or therapeutic purposes, for investigational use in foods, drugs, devices or cosmetics of any kind, or for consumption by or use in connection with or administration or application to humans or animals unless Distributor and/or the End User (as applicable) first obtains all necessary and/or appropriate approvals, clearances, authorizations and/or licenses from the FDA or other applicable governmental agency within or outside the United States. In any event, Distributor and End Users shall use all Products in accordance with applicable laws, rules, regulations and governmental policies and in accordance with the terms and conditions of this Agreement. Twist will not be responsible or liable for any losses, damages, costs, expenses, or any other forms of liability arising out of the use of the Products and/or Distributed Products. Except for Distributor's distribution and sale of Products to End Users in accordance with this Agreement, Distributor and End Users shall not sell, resell, transfer or distribute any Products to any third party. Distributor and End Users also agree not to (and not to authorize or permit others to) reverse engineer, deconstruct or disassemble any Products or Twist-supplied vectors.

3. Minimum Volume Commitment

3.1 Twist and Distributor shall work together to forecast the volume of Products Distributor shall commit to purchasing from Twist ("Minimum Volume Commitment"). Such Minimum Volume Commitments shall be agreed to at least 2 quarters prior to the start of the quarter such commitment is made for.

3.2 Distributor agrees to place Orders for Products meeting the Sequence Guidelines ("Acceptable Transactions") for at least the monthly minimum volume commitments as provided for in Section 3.1 (the "Quarterly Minimums"). Customer agrees to place Orders for USD 50,000 prior to the end of the Term (collectively, the "Total Minimum" and with the Quarterly Minimum, the "Minimums").

3.3 The Minimum Volume Commitment will be modified under the following scenarios: For the avoidance of doubt, any and all Orders placed by Distributor in accordance with this Agreement on or after the beginning of the Term and before the expiration of the Term and meeting the Sequence Guidelines, regardless of when such order is delivered or not delivered as further provided herein, will be applied against the Minimums.

3.4 In the event that Distributor fails to place sufficient acceptable Orders in accordance with the Agreement for the Minimum Volume Commitment measured every 12 months from the start of the agreement, Twist shall have the right to terminate this Agreement and reserves any and all legal rights and remedies for addressing any shortfall by Distributor.

4. PURCHASE PRICE; FEES AND PAYMENT TERMS

4.1 Purchase Price and Fees. Distributor shall pay Twist the purchase price, fees and other payments (if any) specified in Exhibit A and/or each Order (collectively, "Fees") for Twist's production and supply of Products and other performance under this Agreement. Pricing does not include shipping, handling, freight, insurance, taxes and customs, which Distributor is responsible for paying and which, as applicable, Twist may add to Distributor's invoice. Only the pricing on Exhibit A and the Twist-issued Quotation for a given Sequence Submission is valid,

except to the extent the Agreement states otherwise, and Twist shall not be bound or subject to any other pricing, regardless of where stated or published.

4.2 Price Changes. Twist may change its pricing hereunder, including on or for Exhibit A and any Agreement, with sixty (60) days prior written notice. The new pricing will go into effect at the end of such notice period and shall thereupon apply to any Orders accepted after the end of such notice period.

4.3 Payment Terms. Distributor shall pay the Fees to Twist on the dates or occasions specified in the Order, or if not so specified in the Order, within thirty (45) days of Twist's invoice for such Fees. Unless the Order specifies otherwise, Twist will provide invoices for shipped Products together with or promptly following such shipment. Except to the extent expressly provided otherwise in this Agreement, all Fees are non-cancelable, non-creditable and non-refundable. Payments shall be addressed to and sent via the means specified in the Agreement or the Order or otherwise as designated in writing by Twist. Unless the Order states otherwise, all Fees shall be payable in US dollars with immediately available funds. Without limiting any other rights or remedies of Twist, failure of Distributor to pay any Fees when due shall entitle Twist to suspend completion or shipment of any pending Orders unless and until such Fees are paid. If Twist appoints a collection agency or an attorney to recover any unpaid amounts from Distributor, Twist may charge Distributor and Distributor agrees to pay all reasonable costs of collection, including all associated reasonable attorneys' fees.

4.4 Taxes. Twist's Fees do not include applicable taxes. Distributor will be responsible for the payment of, and shall pay all, taxes and duties imposed with respect to the Products supplied (and any other performance by Twist) under this Agreement in the nature of sales, use, excise, value-added, business, goods and services, consumption, customs, tariffs, duties, withholding, and other similar taxes or duties, excluding taxes on Twist's net income and employment taxes. If applicable and/or legally required for Twist to collect and pay any such taxes, Twist may add such taxes to Distributor's invoice which Distributor shall be obligated to pay as part of the Fees. The Parties will cooperate in good faith to seek to obtain any legally available reductions or exemptions from such taxes to the extent legally permissible.

5. INTELLECTUAL PROPERTY

5.1 Retention of Rights. Distributor (and any applicable licensors) shall retain all right, title and interest in and to the Distributor Deliverables (subject to the rights and licenses expressly provided for in this Agreement) and all of Distributor's other technology and intellectual property created independently of or prior to the Effective Date of the Agreement. Twist shall retain all right, title and interest in and to Twist's methods, protocols, procedures, algorithms, inventions, software, documents, vectors, plasmids, materials, works of authorship and other technologies (and any improvements thereto) used or practiced in connection with gene or DNA synthesis, assembly and manufacturing (collectively, "**Twist Manufacturing Technology**"), whether or not developed, created or improved in connection with Twist's performance under this Agreement, and all of Twist's other technology and intellectual property. No rights or licenses in, to or under either Party's intellectual property are granted or provided hereunder, by implication, estoppel or otherwise, except to the extent expressly provided for in this Agreement.

5.2 Product Rights. Title to the tangible embodiment of Products ordered and shipped to Distributor hereunder shall pass to Distributor as provided for in Section 1.4 above (subject to Distributor's payment in full of all Fees therefor), however, no assignments, rights or licenses to any Twist Manufacturing Technology or other technology or intellectual property of Twist are provided or granted to Distributor by Twist in connection with such supply and shipment of Products or otherwise in connection with this Agreement, except for the following conditional and limited license. In the event Twist incorporates any Twist Manufacturing Technology into any Products shipped to Distributor and duly paid for by Distributor, Twist will grant and does hereby grant to Distributor (and any End User receiving such Products directly from Distributor in accordance with this Agreement) a perpetual, non-exclusive, fully paid-up worldwide license to use such Twist Manufacturing Technology incorporated into such Products, solely as incorporated into and solely for use with such Products, in accordance with the terms and conditions of this Agreement. For clarity, no license is granted by Twist under the Twist Manufacturing Technology nor any other technology or intellectual property owned or controlled by Twist to make or have made any Products or to use any Product in humans to treat or diagnose any condition nor for any other purpose for which an approval, authorization, clearance, license or permission may need to be obtained from the FDA or any other governmental authority, within

or outside the United States. Distributor (and each applicable End User) is solely responsible for determining if there are any restrictions on use of Products as a result of any third party patents or other proprietary rights and Twist shall have no responsibility or liability in connection with any such restrictions or patents or other proprietary rights.

5.3 Manufacturing Suggestions. It is not anticipated that Distributor and/or End Users will be providing any suggestions, feedback, recommendations, improvement ideas or input regarding the Twist Manufacturing Technology ("**Suggestions**"). In the unlikely event that Distributor does provide any such Suggestions to Twist, however, Distributor and/or End User hereby grants to Twist a worldwide, royalty-free, fully paid-up, non-exclusive, fully sublicenseable, irrevocable, perpetual license to use, make, have made, reproduce, offer to sell, sell, publicly perform, publicly display, adapt, modify, create derivative works of, distribute, import, and otherwise exploit the Suggestions. The foregoing license will survive any termination or expiration of this Agreement.

6. CONFIDENTIALITY

6.1 Confidential Information. All information disclosed or provided by either Party (the "**Disclosing Party**") to the other Party (the "**Receiving Party**") pursuant to this Agreement that the Disclosing Party identifies as confidential or which the Receiving Party should reasonably understand to be confidential shall be deemed "**Confidential Information**" of the Disclosing Party hereunder. Confidential Information may be disclosed to the Receiving Party hereunder in oral, written or other tangible form. The Sequence Information and Distributor Materials shall be Confidential Information of Distributor, the Twist Manufacturing Technology and these Twist Master Distribution Terms and Conditions shall be the Confidential Information of Twist, and the Master Agreement and any other aspects of an Order shall be the Confidential Information of both Parties, in all such cases, subject to Section 5.2 below. Except to the extent expressly authorized by this Agreement or by the Disclosing Party in writing, the Receiving Party shall maintain in strict trust and confidence, and shall not use for any purpose (other than to perform its obligations or exercise its rights under this Agreement), or disclose to any third party any Confidential Information of the Disclosing Party. The Receiving Party shall only disclose Confidential Information of the Disclosing Party to those expressly authorized by this Agreement or the Disclosing Party in writing hereunder and to those of its employees, consultants, advisors and representatives with a reasonable need to know such information and who are bound by obligations of confidentiality at least as protective as those contained herein. The Receiving Party shall protect the Confidential Information of the Disclosing Party by using at least the same degree of care as the Receiving Party uses to protect its own confidential materials and information, but in any event, no less than reasonable care.

6.2 Exceptions. The obligations of confidentiality and nonuse set forth in Section 5.1 shall not apply to any information that: (a) is in the public domain or comes into the public domain through no fault of the Receiving Party; (b) is furnished to the Receiving Party by a third party rightfully in possession of such information not subject to a duty of confidentiality with respect thereto; (c) is already known by the Receiving Party at the time of receiving such Confidential Information; or (d) is independently developed by the Receiving Party without use of or reference to the Confidential Information of Disclosing Party, as demonstrated by independent written records contemporaneous with such development.

6.3 Authorized Disclosure. Notwithstanding any of the foregoing in this Section 5, (a) the Receiving Party may disclose Confidential Information to the extent such disclosure is required by law or regulation, or pursuant to a valid order of a court or other governmental body having jurisdiction, *provided that* the Receiving Party provides the Disclosing Party with reasonable prior written notice of such disclosure to the extent legal and practicable and reasonable assistance in the Disclosing Party's efforts to obtain a protective order or confidential treatment preventing or limiting the disclosure and/or requiring that the Confidential Information so disclosed be used only for the purposes for which the law or regulation required, or for which the order was issued; and (b) the Receiving Party may disclose Confidential Information to cognizant law enforcement officials if and to the extent that the Receiving Party reasonably believes that such disclosure is needed to report to such officials unlawful activity involving the Disclosing Party.

6.4 Return of Confidential Information. Upon termination or expiration of the Agreement, or upon written request of the Disclosing Party, the Receiving Party shall promptly return or destroy all documents, notes and other tangible materials representing the Disclosing Party's Confidential Information and all copies thereof (excluding any Confidential Information that is subject to a surviving license granted to the Receiving Party hereunder); provided,

however, that the Receiving Party may retain a copy of such Confidential Information for legal archival purposes and for compliance with the surviving provisions of this Agreement and applicable laws and regulations.

6.5 Injunctive Relief. The Parties expressly acknowledge and agree that any breach or threatened breach of this Section 5 by the Receiving Party may cause immediate and irreparable harm to the Disclosing Party that may not be adequately compensated by damages. Each Party therefore agrees that in the event of such breach or threatened breach by the Receiving Party, and in addition to any remedies available at law, the Disclosing Party shall have the right to seek equitable and injunctive relief, without bond, in connection with such a breach or threatened breach.

7. LIMITATION AND DISCLAIMER OF WARRANTIES

7.1 Limitations on Warranty. Subject to the terms of Section 1.5 with respect to the rejection and return of Products shipped to Distributor, the Products are provided "AS IS" without warranty, representation or guarantee of any kind. Unless the Order or Agreement expressly states otherwise, Twist may deliver the genetic sequences for Products ordered hereunder in or using any appropriate cloning vector and/or plasmid. Twist has no responsibility or liability hereunder for the correctness of the plasmid or vector backbone sequence, the presence or absence of restriction sites, antibiotic markers, promoters or other sequence elements in the vector backbone or plasmid or any other aspects of any such vector or plasmid. Twist's standard cloning plasmids serve as carriers for the de novo synthesized DNA only and shall not be used for any other purpose, including without limitation for expression. Twist makes no representation or warranty that the combination of these vectors or plasmids with specific de novo synthesized DNA will not infringe any third party patents or rights. Products will not be deemed non-conforming or defective under Section 1.5 or otherwise (nor subject to the remedies under such section) (a) to the extent Distributor's sequence in the Sequence Submission is not stable in *E. coli* (in which case Twist may communicate with Distributor regarding appropriate alternatives), or (b) if Distributor's Order requires custom cloning, genes encoding high GC, stretches of homopolymers, extensive repeats or genes longer than 3kb, or (c) such Products contain variations from the Sequence Submission that are reasonable in relation to the measures, weights, nature and quality of such Products.

7.2 Disclaimer of Warranties. EXCEPT AS EXPLICITLY SET FORTH IN THIS AGREEMENT, TWIST MAKES NO, AND HEREBY DISCLAIMS ALL, REPRESENTATIONS AND WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, WITH RESPECT TO THE PRODUCTS OR ANY OTHER SUBJECT MATTER OF THIS AGREEMENT, INCLUDING, WITHOUT LIMITATION, THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT AS WELL AS WARRANTIES REGARDING SECURITY, RESULTS OBTAINED THROUGH THE USE OF ANY PRODUCT AND ANY WARRANTY ARISING FROM A STATUTE OR OTHERWISE IN LAW OR FROM A COURSE OF PERFORMANCE, DEALING OR USAGE OF TRADE, ALL OF WHICH ARE EXPRESSLY DISCLAIMED. IN NO EVENT WILL TWIST'S TOTAL LIABILITY FOR BREACH OF ANY WARRANTY EXPRESSLY PROVIDED HEREUNDER EXCEED THE PURCHASE PRICE OF THE PRODUCT AT ISSUE. No description, statement or other content of any Twist website or marketing or communications materials will be binding on Twist.

8. INDEMNIFICATION; LIMITATION OF LIABILITY

8.1 By Twist. Twist shall indemnify, defend and hold harmless Distributor and its affiliates and their respective directors, officers, employees, and agents (the "**Distributor Indemnitees**") from and against any and all costs, expenses, liabilities, damages and losses (including reasonable legal expenses and attorneys' fees) (collectively, "**Losses**") arising out of any third party suits, claims, actions, or proceedings (collectively, "**Claims**") brought against any Distributor Indemnitees to the extent resulting from or caused by the gross negligence, recklessness or willful misconduct of Twist or its officers, directors, employees, or agents except in each case to the extent that a Claim arises out of or results from the negligence, recklessness or willful misconduct of any Distributor Indemnitee or Distributor's breach of its obligations, warranties, or representations under this Agreement. Should any Twist Manufacturing Technology incorporated into any Product (if any) become, or in Twist's opinion be likely to become, the subject of such an infringement Claim, Twist may, at its option, (i) procure for Distributor the right to use such Twist Manufacturing Technology as provided hereunder; (ii) replace or modify, in whole or in part, the Product and/or Twist Manufacturing Technology to make it non-infringing; or (iii) terminate the Agreement and refund any Fees paid for

any affected Products supplied to Distributor, less an amount determined by multiplying such Fees by a fraction, the numerator of which is the number of months elapsed since delivery of such Products (up to a maximum of 12) and the denominator of which is twelve (12). THE FOREGOING INDEMNITY SETS FORTH TWIST'S ENTIRE LIABILITY AND OBLIGATION, AND DISTRIBUTOR'S SOLE AND EXCLUSIVE REMEDY, FOR ANY CLAIM OF INFRINGEMENT OR VIOLATION OF ANY INTELLECTUAL PROPERTY RIGHTS HEREUNDER.

8.2 By Distributor. Distributor shall indemnify, defend and hold harmless Twist and its directors, officers, employees, and agents (the "**Twist Indemnitees**") from and against any and all Losses arising out of any Claims brought against any Twist Indemnitees to the extent resulting from or caused by: (a) the gross negligence, recklessness or willful misconduct of any Distributor Indemnitee; (b) the marketing, distribution, provision or sale by or for Distributor of any Products; (c) the use of any Product, (d) the infringement of any third party intellectual property rights arising from the use of any Sequence Information or other Distributor Deliverables in accordance with this Agreement (or on account of the manufacture or supply of Products in accordance with such Sequence Information); (e) any of the Distributor Deliverables, Twist's compliance with any Sequence Submission or Twist's use of any Distributor Deliverables in accordance with this Agreement; (f) any End User, or any claims or disputes by any End User or between End User and Distributor, or any failure of an End User to comply with the restrictions, terms and conditions applicable to its ordering, receipt or use of Products, (g) Distributor's breach of its obligations, warranties or representations under this Agreement; except in each case to the extent that a Claim arises out of or results from the gross negligence, recklessness or willful misconduct of any Twist Indemnitee or Twist's breach of its obligations, warranties, or representations under this Agreement.

8.3 Indemnification Conditions and Procedures. Each Party's agreement to indemnify, defend and hold harmless the other Party is conditioned on the indemnified Party: (a) providing written notice to the indemnifying Party of any Claim for which it is seeking indemnification hereunder promptly after the indemnified Party has knowledge of such claim; (b) permitting the indemnifying Party to assume full control over the defense and settlement of such Claim, except that the indemnified Party may cooperate in the defense at its own expense using its own counsel (and indemnified Party must approve any settlement that involves an admission by or imposes a material obligation on such Party, such approval not to be unreasonably withheld); (c) providing reasonable cooperation, information and assistance to the indemnifying Party, at the indemnifying Party's reasonable expense, with respect to the defense and settlement of such Claim; and (d) not compromising or settling (or admitting any liability for) such Claim without the indemnifying Party's written consent.

8.4 Limitation of Liability. EXCEPT FOR DAMAGES AVAILABLE FOR (A) BREACHES OF BIOSECURITY OBLIGATIONS UNDER SECTION 2.2 REGARDING DISTRIBUTOR DELIVERABLES, (B) DISTRIBUTOR'S BREACH OF THE LIMITATIONS ON USE OF PRODUCTS UNDER SECTION 2.7, AND (C) THE INDEMNIFICATION RIGHTS AND OBLIGATIONS OF EACH PARTY UNDER SECTION 7, AND EXCEPT WITH RESPECT TO A PARTY'S GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, NEITHER PARTY SHALL BE LIABLE TO THE OTHER PARTY HEREUNDER FOR ANY SPECIAL, CONSEQUENTIAL, INCIDENTAL, PUNITIVE OR INDIRECT DAMAGES OF ANY KIND (INCLUDING BUT NOT LIMITED TO COSTS OF COVER, COST OF PROCUREMENT OF SUBSTITUTE GOODS, LOST PROFITS, LOST DATA, LOSS OF BUSINESS, LOSSES FROM BREACHES OF SECURITY, OR LOSS OF GOODWILL) ARISING FROM OR IN CONNECTION WITH THIS AGREEMENT, REGARDLESS OF ANY NOTICE OF THE POSSIBILITY OF SUCH DAMAGES AND REGARDLESS OF THE THEORY OF LIABILITY. IN ADDITION, IN NO EVENT SHALL TWIST BE LIABLE FOR ANY DAMAGES OR OTHER AMOUNTS ARISING OUT OF OR IN CONNECTION WITH THIS AGREEMENT IN EXCESS OF THE FEES PAID OR PAYABLE BY DISTRIBUTOR TO TWIST HEREUNDER DURING THE TWELVE (12) MONTHS PRECEDING THE CLAIM UNDER WHICH SUCH LIABILITY AROSE (WHICH AMOUNT SHALL BE TWIST'S MAXIMUM LIABILITY HEREUNDER).

WITHOUT LIMITING THE FOREGOING, (A) DELIVERY DATES AND TIMES ARE ESTIMATES ONLY AND TWIST WILL NOT BE LIABLE (IN CONTRACT, TORT OR OTHERWISE) FOR ANY LOSSES, EXPENSES, CLAIMS OR DAMAGES CAUSED BY A LATE DELIVERY HEREUNDER; AND (B) TWIST WILL NOT BE LIABLE FOR ANY USE BY DISTRIBUTOR OR END USERS OF PRODUCTS PROVIDED BY TWIST HEREUNDER OR FOR ANY LOSS, CLAIM, DAMAGE, OR LIABILITY OF ANY KIND OR NATURE THAT MAY ARISE FROM THE USE, HANDLING, OR STORAGE OF SUCH PRODUCTS FOLLOWING SHIPMENT BY TWIST.

THE PARTIES AGREE THAT THE AMOUNTS PAYABLE HEREUNDER ARE BASED IN PART ON THESE LIMITATIONS, AND THESE LIMITATIONS WILL APPLY NOTWITHSTANDING ANY FAILURE OF ESSENTIAL PURPOSE OF ANY LIMITED REMEDY. ALL OF THE FOREGOING LIMITATIONS OF LIABILITY SHALL APPLY ONLY TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW

9. TERM AND TERMINATION

9.1 Term. The term of this Agreement shall commence on the Effective Date and continue thereafter for one (1) year, unless earlier terminated or extended in accordance with the express provisions herein (such period, as extended or earlier terminated, being the “Term”). Following the end of the initial term or any renewal term, the Term of the Agreement shall automatically renew for successive one (1) year periods unless either Party notifies the other Party at least sixty (60) days before the end of the then-current Term that it desires to end this Agreement (in which case this Agreement shall expire at the end of the then-current Term).

9.2 Termination. Either Party may terminate this Agreement at any time with or without cause for its convenience, effective upon sixty (60) days prior written notice to the other Party. In addition, either Party may terminate this Agreement immediately upon written notice to the other Party if the other Party breaches this Agreement or the Order, as the case may be, and does not cure such breach within thirty (30) days after the non-breaching Party gives notice of the breach to such other Party.

9.3 Effects of Termination. Pending Orders shall survive any expiration or termination of this Agreement until completed, unless this Agreement is terminated for breach by a Party (or such pending Order is otherwise cancelled in accordance with Section 1). Upon expiration or termination of this Agreement, Distributor may complete distribution to End Users of any Products already supplied and paid for hereunder at such time, but otherwise, Distributor shall cease all marketing, promotion and sale of any Products. Sections 2.2, 2.7, 5-8, 9.3, 9.4, 10, 11 and 12 shall survive any termination or expiration of this Agreement. Termination or expiration of this Agreement shall not affect either Party’s liability for any obligations or liabilities that have accrued prior to such expiration or termination (including without limitation any Fees owed by Distributor) or any breach of this Agreement committed before such expiration or termination.

10. EXPORT CONTROLS

10.1 Export Compliance. Products and information that Distributor receives from Twist hereunder may be subject to United States, European Union and local export control laws and regulations. Distributor may not, directly or indirectly, sell, export, re-export, transfer, divert, or otherwise dispose of any such Products or information (including products derived from or based on our Products or information) to any destination, entity, person or end use prohibited or restricted by United States, European Union or local laws or regulations (unless the required licenses and approvals are obtained to legally do so, if available).

10.2 Assistance. Upon written request from Twist, Distributor shall promptly provide Twist with reasonable assistance and information to which it has access as needed for completion of exportation or importation governmental processes, including licensing, with respect to Twist’s performance under this Agreement.

11. ETHICAL BUSINESS PRACTICES

11.1 The following definition shall apply with respect to this Section 10.

11.1.1 Public Official shall mean any: (i) officer or employee of a government; (ii) officer or employee of an instrumentality of a government; (iii) person acting in an official capacity for or on behalf of a government or its instrumentality; (iv) officer or employee of a state-owned or controlled legal entity; (v) political party; (vi) official of a political party; (vii) candidate for political office; (viii) employee of a public international organization, such as the United Nations; or (ix) an immediate family member of any of the foregoing.

11.2 Distributor hereby represents and warrants that:

11.2.1 In carrying out its responsibilities under this Agreement, Distributor and its principals, owners, officers, directors, employees, agents or affiliates shall not, directly or indirectly: (i) pay, offer or promise to pay, or authorize the payment of, any monies or anything of value to any Public Official for the purpose of inducing action or non-action or influencing action by the Public Official, or securing an improper advantage, to assist in obtaining or retaining business for or with, or directing business to, any person; or (ii) pay, offer or promise to pay, or authorize the payment of, any monies or anything of value to any person if the payer, offeror or promisor knows or has reason to know that any part of what has been or is to be paid will be paid, offered or promised to a Public Official for the purpose of inducing action or non-action or influencing action by the Public Official, or securing an improper advantage, to assist in obtaining or retaining business for or with, or directing business to, any person.

11.2.2 Distributor shall forgo all corrupt activity, including activity forbidden by anti-corruption legal requirements such as the U.S. Foreign Corrupt Practices Act.

11.2.3 No principal, owner, partner, officer, director, agent or employee of Distributor or of any affiliate of Distributor is or will become a Public Official during the term of this Agreement without prior written approval of Twist.

11.2.4 Distributor shall ensure that all documents including purchase orders, vouchers, financial settlements, billings and reports submitted by Distributor to Twist accurately reflect the facts about the activities and transactions to which they pertain, and Distributor represents that with respect to any further recording or reporting made by Twist for whatever purpose, Twist may rely upon all such documents and the data therein as being complete and accurate.

11.3 Twist shall have the right to audit Distributor with respect to Distributor's performance under this Agreement and its ownership.

11.4 Distributor shall provide an annual compliance certification executed by an authorized representative certifying that Distributor is and has over the past year been in compliance with the law and with this Agreement.

11.5 Distributor shall not subcontract or assign its rights under this Agreement without the express written approval of Twist.

11.6 In the event that Twist has reason to believe that a breach of any of the representations and warranties of this Section 11 has occurred or may occur, Twist may withhold further sale of products to Distributor until such time as it has received confirmation to its satisfaction that no breach has occurred or will occur. If Twist cannot confirm that no breach occurred, it may terminate the Agreement. Twist shall not be liable to Distributor for any claim, losses or damages related to its decision to withhold products or terminate the Agreement under this provision.

11.7 In the event that Twist has reason to believe that a breach of any of the representations and warranties of this clause has occurred or may occur, Twist shall have the right to audit Distributor to satisfy itself that no breach has occurred. Upon request by Distributor, Twist shall select an independent third party to conduct an audit to certify to Twist that no breach has occurred. Distributor shall cooperate fully in any audit conducted by or on behalf of Twist.

11.8 In the event of a breach of any of the representations or warranties of this Section 10, this Agreement shall be void *ab initio* without the requirement of any written notice of cancellation. Any orders of product by Distributor shall be automatically terminated and cancelled, and all products previously provided and not sold shall be forthwith returned by Distributor to Twist. Distributor shall indemnify and hold Twist harmless against any claims, losses or damages arising from or related to such breach or cancellation of this Agreement, or both.

11.9 As of Distributor's purchase of products under this Agreement, Distributor shall be deemed to have, as of that time, again made the representations and warranties set forth in this Section 11.

11.10 In no event shall Twist be obligated under this Agreement to take any action or omit to take any action that Twist believes, in good faith, would cause it to be in violation of any law, including, without limitation, any anti-corruption law such as the U.S. Foreign Corrupt Practices Act.

12. GENERAL PROVISIONS

12.1 Governing Law; Arbitration. This Agreement is governed by the laws of the State of California without reference to any conflict of laws principles. The United Nations Convention on Contracts for the International Sale of Goods does not apply to this Agreement. Subject to the arbitration provision of this Section 10, the Parties hereby agree that all disputes arising out of this Agreement and any enforcement of this Agreement will be subject to (and each Party consents to) the nonexclusive jurisdiction and venue of the state and federal courts in San Francisco County, California. Any dispute or claim arising out of or in connection with this Agreement will be finally settled by binding arbitration in San Francisco, California under the Rules of Arbitration of the American Arbitration Association, by at least one arbitrator appointed in accordance with said rules. The arbitrator shall apply California law, without reference to rules of conflicts or law or rules of statutory arbitration, to the resolution of any dispute. Judgment on the award rendered by the arbitrator may be entered in any court having jurisdiction thereof. Notwithstanding the foregoing, the Parties may apply to any court of competent jurisdiction for preliminary or interim equitable relief, or to compel arbitration in accordance with this paragraph, without breach of this arbitration provision.

12.2 Severability. If any provision of this Agreement is, for any reason, held to be invalid or unenforceable, the other provisions of this Agreement will be unimpaired and remain in full force and effect while the invalid or unenforceable provision will be deemed modified so that it is valid and enforceable to the maximum extent permitted by law.

12.3 No Assignment. This Agreement may not be assigned or otherwise transferred, in whole or in part, by operation of law or otherwise, by either Party without the other Party's express prior written consent; *provided, however,* that either Party may assign this Agreement without such consent to its successor in interest in connection with any merger, consolidation, reorganization or sale of such Party or all or substantially all of its assets (any such consented to assignment or assignment not requiring consent being a "Permitted Assignment"). In the case of any Permitted Assignment of this Agreement, this Agreement shall be binding upon, and inure to the benefit of, the successors, executors, heirs, representatives, administrators and assigns of the Parties hereto. Any attempted assignment, delegation, or transfer in violation of the foregoing will be null and void.

12.4 Notices. Each Party must deliver all notices, consents, and approvals required or permitted under this Agreement in writing to the other Party at the address specified in the Order or Agreement, by personal delivery, by certified or registered mail (postage prepaid and return receipt requested), by a nationally-recognized overnight carrier or by confirmed email (except for notices of breach or termination). Notice will be effective upon receipt or refusal of delivery. Each Party may change its address for receipt of notice by giving notice of such change to the other Party.

12.5 Construction. Section headings are included in this Agreement merely for convenience of reference; they are not to be considered part of this Agreement or used in the interpretation of this Agreement. No rule of strict construction will be applied in the interpretation or construction of this Agreement.

12.6 Waiver. All waivers must be in writing and signed by the Party to be charged. No failure or delay to enforce or exercise any provision, right or remedy hereunder shall constitute a waiver thereof.

12.7 Entire Agreement; Amendments. This Agreement, including any Order, is the final, complete, and exclusive agreement of the Parties with respect to the subject matter hereof and supersedes and merges all prior or contemporaneous communications and understandings between the Parties with respect to such subject matter. Twist's offer to supply Products is expressly limited to the terms of the Agreement. If Distributor submits a purchase order, or other document for the purchase of Products, whether or not in response to a quotation, Distributor is deemed to have accepted and agreed to this Agreement, to the exclusion of (a) any other terms and conditions appearing in or referenced in Distributor's purchase order or other documents, and (b) any previous course of dealing, course of

performance, trade usage or co-existent agreement. No modification of or amendment to this Agreement will be effective unless in writing and signed by both of the Parties.

12.8 Force Majeure. Neither Party will be liable for any delays or failures in performance under this Agreement (other than payment obligations under this Agreement) due to circumstances beyond its reasonable control, including without limitation, acts of God, disease, war, terrorism or the public enemy, riot, civil commotion or sabotage, expropriation, condemnation of facilities, changes in law, national or state emergencies or other governmental action, strikes, lockouts, work stoppages or other such labor difficulties, floods, droughts or other severe weather, fires, explosions or other catastrophes, or accidents causing damage to or destruction, in whole or in part, of the equipment or property necessary to perform the Services.

12.9 Independent Contractors. Twist's relation to Distributor under this Agreement is that of an independent contractor. Nothing in this Agreement is intended or should be construed to create a joint venture, agency or employer-employee relationship between Distributor and Twist or any of Twist's employees or agents. Neither Party is authorized to bind, make any commitment or otherwise act on behalf of the other Party.

12.10 Exclusion of Government Contracts. This Agreement and the products and services hereunder are not for government distributors or government contractors. Distributor represents and warrants that the Products, services and transactions under this Agreement are not subject to the U.S. Federal Acquisition Regulations or comparable regulations of other jurisdictions (collectively, "FARs"). If Distributor is a governmental entity or seeking to enter into this Agreement as a government contractor (or if any FARs would otherwise apply hereto), Distributor shall notify Twist in advance and obtain Twist's prior written consent (and/or enter into such additional agreements or terms requested by Twist through a mutually executed document) prior to ordering or receiving any goods or services hereunder.

12.11 Publicity. Except as otherwise set forth in this Agreement, Distributor shall not name or refer to Twist as a supplier of Distributor nor use Twist's logos or trade names for publicity, marketing, or any other external communications without Twist's prior written consent. Distributor shall not use any Twist Confidential Information to negatively influence any of Distributor's clients, licensors, licensees or customers from purchasing Twist products or services or to solicit or influence or attempt to influence any client, licensor, licensee, customer or other person either directly or indirectly, to direct any purchase of products and/or services to any person, firm, corporation, institution or other entity in competition with the business of Twist.

12.12 Counterparts. This Agreement may be entered into or executed in two or more counterparts, each of which shall be deemed an original and all of which shall constitute together the same instrument.

EXHIBIT A

DNA PRODUCTS, PRICING AND ADDITIONAL TERMS

- As part of Twist's evaluation and screening of Distributor Sequence Submissions, sequences would be evaluated by Twist and categorized as Standard, Difficult or Impossible. Sequences with a Standard or Difficult evaluation are eligible for quotation and acceptance by Twist (subject to Twist's biosecurity and other evaluation and screening processes), and, if so accepted by Twist, would be attempted for synthesis. Sequences with a score of Impossible would not be attempted nor accepted for ordering.
 - Sequence considerations for improved synthesis success:
 1. %GC between 30-75%
 2. Max homopolymer length: <6
 3. Low homology
- There would be no automatic redoes for failed sequences, and manual redoes would be considered on a case by case basis
- Extended pricing will be based on the Distributor's estimated monthly volume commitment and associated discount schedule outlined below. Quarterly, Twist will review the Distributor's actual order volume, and if the minimum monthly volume for the extended price is not met, the Distributor will be billed the difference in price between the originally extended price and actual volume based price.
- Twist reserves the right to increase the pricing set forth below by at least 5% per year upon 60 days notice. Any price increases shall be effective after such 60 days notice.

Pricing for NGS Target Enrichment Pools and Supporting Reagents

- Reactions are defined by the number of hybridization reactions irrespective of the number of samples multiplexed within one hybridization reaction.

Panel Size	Small to Medium	Large	Ultra-large
Total # Probes per Panel	500 up to 100,000	>100,000 up to 400,000	>400,000 up to 1,200,000
# Reactions	Price Per Reaction		
0-96	TBD	TBD	TBD
97-384	TBD	TBD	TBD
385-1000	TBD	TBD	TBD
1001-2,500	TBD	TBD	TBD
2,501-5,000	TBD	TBD	TBD
5,001-7,500	TBD	TBD	TBD
7,501-15,000	TBD	TBD	TBD
15,001-25,000	TBD	TBD	TBD

Reagent Set	Price Per Reaction
Adaptor and Barcode Set	TBD
Hyb and Capture Buffer Set	TBD

NGS Target Enrichment Pools Product Specifications

Pool Tiers	Complexity	Min: 500 Max: 1,200,000
	Oligo Length	Min: 60 nt Max: 150 nt
	Format	2 ml tubes, DNA in TE buffer; aliquoting volume according to specifications outlined by Distributor
	TAT	10 BD for small to large custom panels 15 BD for ultra-large custom panels

QC	Metric	Assay
	Mass	Nanodrop or qPCR
	Pool uniformity	NGS (probe frequency distribution, GC-binned representation)
	90% Sampling Requirement	NGS (custom pool vs. simulated monodisperse pool)

Restricted Customers:

Distributor may not distribute, sell or provide Products to the following companies or any of their successors (which list may be updated by Twist upon ten (10) days prior written notice):

- Zymogen, Inc.

EXHIBIT B

BRANDING, MARKETING AND PROMOTION

When reselling or distributing Twist Products, Distributors must use the included icons and reference Twist on sales and marketing material, and Product packaging

Oligo Pools

- CRISPR Application
 - When reselling Twist Oligo Pools, Distributor must use “Built by Twist Bioscience” stamp on the following product materials:
 - Product packaging
 - Product Web Page
 - Product Collateral (brochures, flyers, data sheets, shipping documentation)
 - When using Twist Oligo Pools as raw materials and offering additional services (cloning, viral packaging, screening), Distributor must use “Powered by Twist Bioscience” stamp on the following product materials:
 - Product Packaging
 - Product Web Page
 - Product Collateral (brochures, flyers, data sheets, shipping documentation)
- NGS Application
 - Twist Bioscience Oligo Pools cannot be resold for NGS applications

Gene Fragments

- When reselling Twist Gene Fragments, Distributor must use “Built by Twist Bioscience” stamp on the following product materials:
 - Product packaging
 - Product Web Page
 - Product Collateral (brochures, flyers, data sheets, shipping documentation)
- When using Twist Gene Fragments to build larger constructs, whether sold as an assembled fragment or cloned into a plasmid, Distributor must use “Powered by Twist Bioscience” stamp
 - Product Packaging
 - Product Web Page
 - Product Collateral (brochures, flyers, data sheets, shipping documentation)

Icons must be a minimum of 0.75 inches and 1 inch in size height-wise on product packaging for Icons 1 and 2 respectively, 50 pixels in size height-wise on web pages, and 1 inch in size height-wise on product collateral.

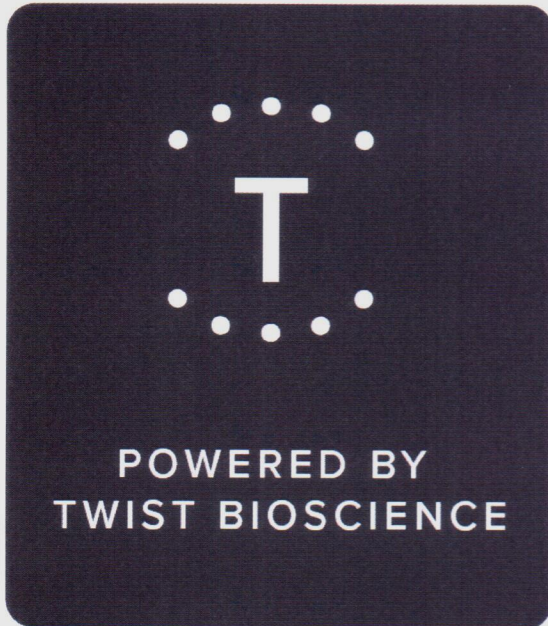
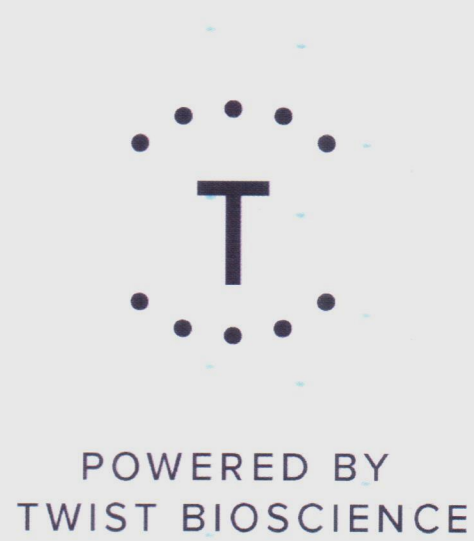
For Use with Product Collateral:

Icon 1

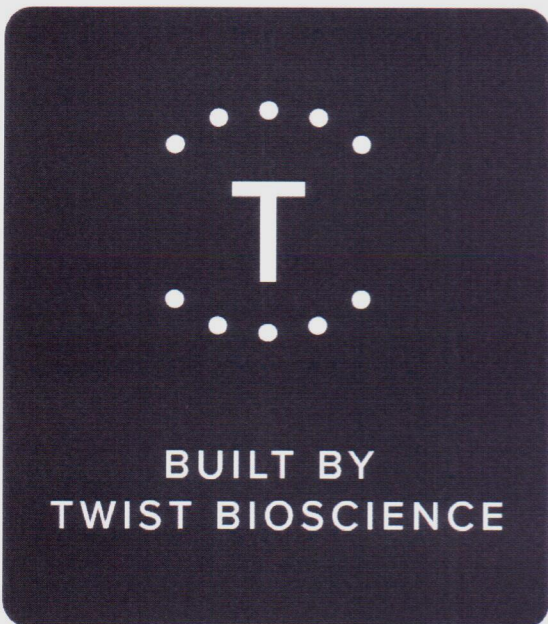
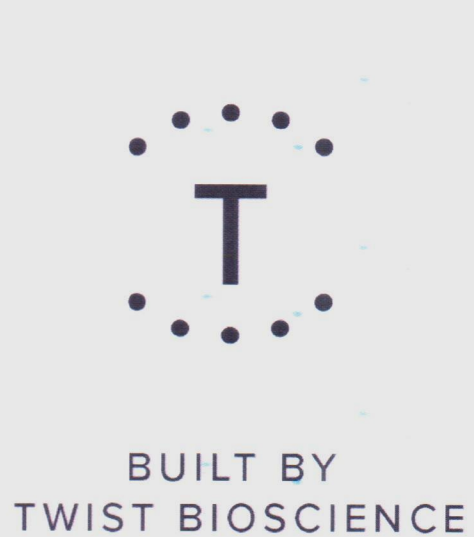


SP

Icon 2



For Use on Product Packaging:



TITLE	Distribution Agreement with Rochem Biocare
FILE NAME	Documento Dr Santiago2.pdf
DOCUMENT ID	a4e18fabb50e2ef15bee5d2566d7d7cb108f83e4
AUDIT TRAIL DATE FORMAT	MM / DD / YYYY
STATUS	● Completed

Document History



10 / 21 / 2019
22:02:53 UTC

Sent for signature to Emily Leproust
(eleproust@twistbioscience.com) from
morourke@twistbioscience.com
IP: 67.180.210.37



VIEWED

10 / 22 / 2019
00:14:14 UTC

Viewed by Emily Leproust (eleproust@twistbioscience.com)
IP: 12.198.253.211



SIGNED

10 / 22 / 2019
00:14:26 UTC

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IP: 12.198.253.211



COMPLETED

10 / 22 / 2019
00:14:26 UTC

The document has been completed.