

## MBSC 2024 Stock Guide – Custom Products



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**Hours:** 8:30AM-4PM

Closed on university holidays

**Service since 1991**

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***“We offer OSU researchers convenient one-stop shopping where they can find products that best suit their needs, at the lowest possible prices.”***

- 1) To purchase products from the MBSC, you will need to submit an order through the OSU Workday website.
  - On the Workday home page, choose “Request Travel or Purchase” then choose Requisition Type “Non-Catalog Request.” Next choose “Goods Request Details” and pick the “MBSC” as the supplier, for every item on your order. Please visit our website for step-by-step instructions: <https://u.osu.edu/mbsc/ordering-instructions/>.
  - Enter any additional information (special contact info, special promo code, etc.) if applicable, in the “Memo to Suppliers” box.
- 2) All custom orders (except Horizon Discovery) have free shipping! We will contact you, by email, once your products have been delivered to the supply center. These e-mails will contain information regarding the products you ordered, including the vendor’s name, quantity, catalog number, location, and PO number. Please bring a copy of the e-mail (printed or digital) when you come to pick up your products. This will help staff fill your order quickly during your visit.
  - We ask that all products be picked up within seven calendar days after receiving your pickup email.
- 3) If you change your mind after submitting your order, please contact the MBSC. Orders not sent to the vendor or backordered can be cancelled. However, products that have already been dropped into production, in transit, or that have been delivered to the MBSC are not eligible to be cancelled.
- 4) We usually have ice packs and dry ice available; but to ensure proper transport of products, please call ahead to check or bring your own.
- 5) The MBSC honors discounts and quotes that have been issued by our direct vendors (except IDT), if mentioned/attached in the Workday order. This allows customers to combine quotes and discounts with MBSC’s free shipping.
- 6) When attaching files to a Workday order, please click the “external” box. This allows for the MBSC staff to see the attachment in the finalized PO.
- 7) Vendor pricing is subject to change. Please contact MBSC if you would like exact pricing.
- 8) Custom products are not returnable unless they are defective. If you need to arrange for a full or partial credit for unwanted/unusable items, the MBSC can guide you through the return/credit process. The MBSC will provide the vendor contact information and order number. If a refund has been arranged, please contact the MBSC so we can credit your account.



## **siRNA SOLUTIONS: CLONES AND GENE SETS**

- The MBSC can order all Dharmacon/Horizon Discovery products:  
<https://horizondiscovery.com/>
- Design your custom order on the Dharmacon website and attach the quote to your Workday order.
- The MBSC can order Dharmacon/Horizon Biosciences products, but shipping and handling charges may be applied.



## APPLIED BIOSYSTEMS ASSAYS AND PRECURSORS

- The MBSC places orders for inventoried, made-to-order, and custom products from Applied Biosystems using Fisher as a distributor.
- We cannot accept any quotes for their product because we do not order direct.
- Many of their products come in two parts: a parent catalog number, and an ID number. Please include both parts when placing your order as to not cause delays.
- Our distributor is blocked from selling inhibitors, but we are still able to order controls and precursors. However, they can be purchases direct from Thermo Scientific.

PRICING	CAT. NO.	NO. 20 $\mu$ l REACTIONS	PRICE
<b>APPLIED BIOSYSTEMS TAQMAN® GENE EXPRESSION ASSAYS</b>			
TaqMan® Gene Expression Assays	4448892 + assay identification number	75	105.55
TaqMan® Gene Expression Assays	4453320 + assay identification number	75	105.55
TaqMan® Gene Expression Assays	4331182 + assay identification number	250	233.07
TaqMan® Gene Expression Assays	4351372 + assay identification number	360	359.40
TaqMan® Gene Expression Assays	4351370 + assay identification number	750	663.74

PRICING	CAT. NO.	NO. OF REACTIONS	PRICE
<b>APPLIED BIOSYSTEMS TAQMAN® MICRORNA ASSAYS</b>			
TaqMan® MicroRNA Assay	4427975 + assay identification number	50 RT Reactions + 150 TaqMan Reactions	268.57
TaqMan® MicroRNA Assay	4440887 + assay identification number	750 RT Reactions + 750 TaqMan Reactions	1151.21

PRICING	CAT. NO.	NO. OF REACTIONS	PRICE
<b>APPLIED BIOSYSTEMS TAQMAN® Advanced MICRORNA ASSAYS</b>			
TaqMan® Advanced MicroRNA Assay	A25576 + assay identification number	250 Reactions	374.31

PRICING	CAT. NO.	SIZE	PRICE
<b>AMBION miRNA PRECURSOR MOLECULES</b>			
Pre-miR™ miRNA Precursor	AM17100 + precursor identification number	5 nmol	379.37



## Integrated DNA Technology Custom Primers

- IDT custom products are available using the IDT-MBSC custom portal website.
- First, you must register at the IDT MBSC portal: <https://www.idtdna.com/osu-mbsc>
- Click “Set Up New Account” to create an account.
- Enter a Login name, password, and other requested information.
- Click “Save” to complete the account setup process.
- Please email [mbsc@osu.edu](mailto:mbsc@osu.edu) if you would like a step-by-step guide for ordering IDT primers through the MBSC.
- The MBSC can only place primer order into production after the corresponding Workday Purchase Order has been issued.
- The MBSC get free shipping on all IDT primers orders.

PRICING	SIZE	PRICE
<b>IDT CUSTOM PRIMERS – Supply Center price per base</b>		
25 nmol scale (15-60 bases)	25 nmol	0.22/base
100 nmol scale (10-90 bases)	100 nmol	0.48/base
250 nmol scale (5-100 bases)	250 nmol	0.77/base
1 $\mu$ mol scale (5-100 bases)	1 $\mu$ mol	1.75/base

Length	Price	Shipping Time
<b>gBLOCKS Gene Fragments</b>		
125-500bp	\$100.00	2-4 days
501-750bp	\$144.00	2-4 days
751-1000bp	\$170.00	3-5 days
1001-1250bp	\$237.00	5-8 days
1251-1500bp	\$283.00	5-8 days
1501-1750bp	\$330.00	5-8 days

**When purchasing IDT custom primers, fill out a single line on your Workday Requisition as follows:**

**Description** – IDT primers “insert web order number from IDT website here”

**Supplier** – MBSC

**Quantity** – 1

**Unit Cost** – Cost of entire primer order

**UOM** – each



## EUROFINS GENOMICS CUSTOM PRIMERS

- The MBSC places orders for Eurofins Genomics primers
- You do not need an online account – the Supply Center takes care of this
- Attach a Eurofins Genomics order form attachment with your sequences to your Workday Form. Primer names must be written in a 5' to 3' direct, and the primer name must have 17 characters or less.
- Please do not include any spaces in your primer name.

PRICING	SIZE	PRICE
<b>EUROFINS CUSTOM PRIMERS – MBSC price per base</b>		
10 nmol scale (60-mer maximum length)	10 nmol	0.15/base
25 nmol scale (80-mer maximum length)	25 nmol	0.20/base
50 nmol scale (90-mer maximum length)	50 nmol	0.25/base
250 nmol scale (125-mer maximum length)	0.2 µmol	0.50/base
1.0 µmol scale (125-mer maximum length)	1 µmol	1.00/base
<b>EUROFINS CUSTOM PRIMERS – MBSC purification charges</b>		
Salt-free purity – 10 nmol, 25 nmol, 50 nmol, 0.2 µmol, or 1.0 µmol scales		0.00
HPLC purity – 50 nmol scale		48.00
HPLC purity – 0.25 µmol scale		79.00
HPLC purity – 1.0 µmol scale		120.00
PAGE purity – 0.25 µmol scale		98.00
PAGE purity – 1.0 µmol scale		150.00
PAGE/HPLC 2-step – 50 nmol scale		84.00
PAGE/HPLC 2-step – 0.2 µmol scale		137.00
PAGE/HPLC 2-step – 1.0 µmol scale		275.00
<b>EUROFINS CUSTOM PRIMERS – Supply Center modification charges</b>		
Many 5' and 3' modifications are available, as well as unusual bases; send an e-mail to the Supply Center for a price quote		

**When purchasing Eurofins custom primers, fill out a single line on your Workday Requisition as follows:**

**Description** – Eurofins primers  
**Supplier** – MBSC  
**Quantity** – 1  
**Unit Cost** – Cost of entire primer order  
**UOM** – each

\* An excel file with sequences, scale and purity must be attached or the order will be placed on hold. Blank copies are available from the MBSC on request. When you attach your document to the cart, please check the box for “External” so the MBSC will be able to see it.



## SIGMA-ALDRICH RNA PRODUCTS

- Sigma-Aldrich custom products are available using the MBSC portal website.
- First, you must register at <https://www.sigmaaldrich.com/US/en/register>
- Email your new username to [mbsc@osu.edu](mailto:mbsc@osu.edu), so we can request to have your account unlocked.
- Once you receive email confirmation that your account is ready to use, you can enter primer sequences on-line at the Sigma website.
- After entering your sequences, you will be prompted for an internal order number. Enter “TBDL”
- The MBSC can only place orders into production after the corresponding Workday Purchase Order has been issued.
- The MBSC gets free shipping on all custom Sigma-Aldrich orders.

PRICING, TUBES	SIZE	PRICE
<b>SIGMA-GENOSYS CUSTOM PRIMERS IN TUBES – Supply Center price per base</b>		
25 nmol scale (100-mer maximum length)	0.025 µmol	0.17/base
50 nmol scale (100-mer maximum length)	0.050 µmol	0.22/base
200 nmol scale (100-mer maximum length)	0.200 µmol	0.57/base
1 µmol scale (100-mer maximum length)	1.000 µmol	1.02/base
<b>SIGMA-GENOSYS CUSTOM PRIMERS IN TUBES – Supply Center purification charges</b>		
Desalted purity – 0.025µmol, 0.050µmol, 0.200 µmol or 1.000 µmol scale		0.00
Cartridge purity – 0.050 µmol or 0.200 µmol scale		5.00
Cartridge purity – 1.000 µmol scale		8.00
HPLC purity – 0.050 µmol or 0.200 µmol scale		30.00
HPLC purity – 1.000 µmol scale		44.00
PAGE purity – 0.050 µmol or 0.200 µmol scale		30.00
PAGE purity – 1.000 µmol scale		44.00
<b>SIGMA-GENOSYS CUSTOM PRIMERS IN TUBES – Supply Center modification charges</b>		
Many 5' and 3' modifications are available, as well as unusual bases; send an e-mail to the Supply Center for a price quote		

PRICING, PLATES	SIZE	PRICE
<b>SIGMA-GENOSYS CUSTOM PRIMERS IN PLATES– Supply Center price per base</b>		
25 nmol scale (100-mer maximum length)	0.025 µmol	0.10/base
50 nmol scale (100-mer maximum length)	0.050 µmol	0.13/base
200 nmol scale (100-mer maximum length)	0.200 µmol	0.45/base
1 µmol scale (100-mer maximum length)	1.000 µmol	0.93/base
<b>SIGMA-GENOSYS CUSTOM PRIMERS IN PLATES – Supply Center purification charges</b>		
Desalted purity – 0.025µmol, 0.050µmol, 0.200 µmol or 1.000 µmol scale		0.00
Cartridge purity – 0.050 µmol scale		5.00
Cartridge purity – 0.200 µmol scale		7.00
Cartridge purity – 1.000 µmol scale		10.00
HPLC purity – 0.050 µmol scale		25.00
HPLC purity – 0.200 µmol scale		30.00
HPLC purity – 1.000 µmol scale		65.00
<b>SIGMA-GENOSYS CUSTOM PRIMERS IN PLATES – Supply Center modification charges</b>		
Many 5' and 3' modifications are available, as well as unusual bases; send an e-mail to the Supply Center for a price quote		

PRICING, PROBES	YIELD	PRICE
<b>SIGMA-GENOSYS QPCR PROBES</b>		
qPCR Probe: Price includes 5'-end Reporter (6-FAM, HEX or TET), 3'-end Quencher (BHQ1 or TAMRA), HPLC purification and base charges. Price applies to oligos 15-40 bases in length.	1 OD	100.00
qPCR Probe: Price includes 5'-end Reporter (6-FAM, HEX or TET), 3'-end Quencher (BHQ1 or TAMRA), HPLC purification and base charges. Price applies to oligos 15-40 bases in length.	3 OD	148.75
qPCR Probe: Price includes 5'-end Reporter (6-FAM, HEX or TET), 3'-end Quencher (BHQ1 or TAMRA), HPLC purification and base charges. Price applies to oligos 15-40 bases in length.	5 OD	295.00

**When purchasing Sigma custom primers, fill out a single line on your Workday Requisition as follows:**

**Description** – Sigma primers “insert confirmation number from Sigma Pipeline website here”

**Supplier** – MBSC

**Quantity** – 1

**Unit Cost** – Cost of entire primer order

**UOM** – each



## PIPETTE CALIBRATION AND REPAIR SERVICE

- Have Tek-Pette calibrate and repair your pipettes through the MBSC.
- Drop off your pipettes at the MBSC; Tek-Pette stops by to pick them up every 1-7 days. Your calibrated pipettes will be returned to the MBSC within 4-24 hours.
- OR: Have the MBSC contact Tek-Pette come on-site to calibrate your pipettes, 20 pipette minimum.
- You must attach a Pipette Calibration Work Order Form to your Workday requisition and check the “external” box\*\*.
- You need to complete the yellow-highlighted areas of the Work Order Form.
- In case additional repair is needed for your pipettes, select an option for repairs on the Work Order Form
- Work Order Forms are available at the MBSC or can be e-mailed to you upon request

SERVICE	CAT. NO.	PER	PRICE
<b>TEK-PETTE PIPETTE CALIBRATION</b>			
Single Channel Pipette Service	SC-CAL-1	Pipette	22.00
Multi Channel Pipette Service- 8 channels	MC-CAL-8	Pipette	40.00
Multi Channel Pipette Service- 12 channels	MC-CAL-12	Pipette	50.00
Repeater Service	R-CAL-1	Pipette	45.00

**When ordering pipette calibration, fill out one line of your Workday Form\* for single channel pipettes and one line for multichannel pipette or repeaters as follows:**

**Description** – Single (or Multi) Channel pipette calibration

**Supplier** – MBSC

**Quantity** – Number of SC or MC pipettes to be calibrated

**Unit Cost** – Cost of calibrating each pipette of correct type

**UOM** – each

\*Repeat this step for Single-channel pipettes, multi-channel pipettes, repeaters, and Pipet-aids as needed to describe entire order to be calibrated.

\*\*A completed work order form must be attached, or the order will be placed on hold. Blank copies are available from the MBSC on request. When you attach your document to the cart, please check the box for “External” so the MBSC will be able to see it.