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Quick Reference Guide

Ordering immunoassays via Thermo Fisher Punchout

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Step One

From the landing page of the Thermo Fisher punchout, select the sixth configurator tool **Invitrogen ProcartaPlex Immunoassays**

The screenshot shows the ThermoFisher Scientific website. The header includes the logo, navigation links (Popular, Applications & Techniques, Shop All Products, Services, Support), and a search bar. The main content area is titled "Oligos, Primers, Probes, and Gene Synthesis Services" and features six product categories with brief descriptions:

- Invitrogen™ Custom DNA Oligos**: DNA oligo products and services when you need them. Custom oligos are offered with standard deoxyribonucleotides, modified bases and 5' and 3'-modified nucleotides.
- GeneArt™ Custom Gene Synthesis Services**: The Invitrogen GeneArt Gene Synthesis service offers chemical synthesis, cloning, and sequence verification of virtually any desired genetic sequence. You will receive a bacterial stab and/or purified plasmid containing your synthesized gene—ready for downstream applications.
- Applied Biosystems® Custom TaqMan® Probes**: Custom Applied Biosystems® oligonucleotides for use as primers and TaqMan® probes. Ideal for real-time PCR applications, sequencing, and fragment analysis sample prep.
- Invitrogen™ TrueGuide gRNAs**: Whether you have a sequence from a journal article, a colleague, or from your favorite design tool, utilize our simple, fast interface to upload the custom gRNA sequences you would like synthesized.
- Invitrogen™ Custom RNAi Oligos**: Design your own custom RNAi oligos, or search our database for pre-designed and bench-tested RNAi sequences. Order in 96-well plates, or re-order using an HSS, MSS, or RSS identifier.
- Invitrogen™ ProcartaPlex Immunoassays**: Invitrogen ProcartaPlex Immunoassays are antibody-based, magnetic bead reagent kits and panels for multiplex protein quantitation using the Luminex instrument platform. The assays cover more than 200 cytokine, chemokine, growth factor, and other protein targets from human, mouse, rat, non-human primate, canine and other species. Select from 50+ preconfigured multiplex panels (2- to 65-plex), or blend singleplex kits (90% are combinable) to create custom multiplex assays.

Step Two

On the following screen titled ProcartaPlex ImmunoAssays, click on the **ProcartaPlex Panel Configurator** button

The screenshot shows the "ProcartaPlex Immunoassays" page. It features a navigation menu on the left, a main heading "ProcartaPlex Immunoassays", and a sub-heading "Profile more biomarkers with less sample". Below this, there are two buttons: "ProcartaPlex Panel Configurator" (highlighted in red) and "Luminex Instrumentation". A featured section titled "New SARS-CoV-2 Serology Assays" includes an image of a virus and text: "Rapidly detect antibodies (immunoglobulins, IgG and IgM) in serum against the SARS-CoV-2 coronavirus. Learn more". At the bottom, there are three icons representing different assay options.

Step Three

On the following screen, make the following selections: Non Human Primate, ProcartaPlex (96 well), MAGPIX, Liquid, Immunology, Other, IFN gamma

Click **Next Step** button

The screenshot shows the configuration tool for ProcartaPlex Immunoassays. It is titled "Structural insights within reach with Tundra Cryo-TEM Learn more". The tool is divided into seven steps:

- 1. Choose Species**: Human, Mouse, Rat, Porcine, Canine, Non Human Primates (selected).
- 2. Choose Format**: ProcartaPlex (96 well) (selected), ProcartaPlex (384 well).
- 3. Choose Instrument**: MAGPIX (selected), Luminex 200, FLEXMAP 3D, INTELLIFLEX.
- 4. Choose Bead Formulation**: Liquid (selected).
- 5. Choose Research area**: Immunology (selected).
- 6. Choose Sample**: Serum/Plasma, Other (selected), Supernatant.
- 7. Choose Analytes**: Please select one or more protein targets. A grid of analytes is shown, with "IFN gamma" selected.

The "Your selection list:" on the right shows: 1. IFN gamma (43). A "Next Step" button is located at the bottom right.

Step Four

Click on the check box next to each of the five line items

Click **Add To Cart**

Multiplex Immuno...

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[Previous Step](#)

Select Products

For any compatibility questions regarding Mix & Match panels, Preconfigured panels or Simplex kits, please contact techservices@thermofisher.com.

Preconfigured panels

Please be aware that some Combinable panels may not be compatible with each other or with Simplex kits. Important: Targets with overlapping bead regions cannot be combined.

Catalog #	Description	Targets	Quantity
<input checked="" type="checkbox"/> EPX140-40040-901	Th Panel 14plex	IFN gamma , IL-12p70, IL-13, IL-1 beta, IL-2, IL-4, IL-5, IL-6, TNF alpha, GM-CSF, IL-18, IL-10, IL-17A (CTLA-8), IL-23	1
<input checked="" type="checkbox"/> EPX370-40045-901	Cytokine/Chemokine/Growth Factor Panel 37plex	BDNF, BLC (CXCL13), Eotaxin (CCL11), FGF-2, G-CSF (CSF-3), GM-CSF, IFN alpha, IFN gamma , IL-1 beta, IL-10, IL-12p70, IL-13, IL-15, IL-17A (CTLA-8), IL-18, IL-1RA, IL-2, IL-23, IL-4, IL-5, IL-6, IL-7, IL-8 (CXCL8), IP-10 (CXCL10), I-TAC (CXCL11), MCP-1 (CCL2), MIG (CXCL9), MIP-1 alpha (CCL3), MIP-1 beta (CCL4), NGF beta, PDGF-BB, CD40L, SCF, SDF-1 alpha, TNF alpha, VEGF-A, VEGF-D	1
<input checked="" type="checkbox"/> EPX300-40044-901	Cytokine & Chemokine Panel 30plex	BLC (CXCL13), Eotaxin (CCL11), G-CSF (CSF-3), GM-CSF, IFN alpha, IFN gamma , IL-1 beta, IL-10, IL-12p70, IL-13, IL-15, IL-17A (CTLA-8), IL-18, IL-1RA, IL-2, IL-23, IL-4, IL-5, IL-6, IL-7, IL-8 (CXCL8), IP-10 (CXCL10), I-TAC (CXCL11), MCP-1 (CCL2), MIG (CXCL9), MIP-1 alpha (CCL3), MIP-1 beta (CCL4), CD40L, SDF-1 alpha, TNF alpha	1

Simplex and Basic Kits

Please be aware that some Simplex kits may not be compatible with each other or with Combinable panels. Important: Targets with overlapping bead regions cannot be combined.

Catalog #	Species	Panel/Protein	Name	Application	Regulatory	Quantity
<input checked="" type="checkbox"/> EPX010-40420-901	Non Human Primate	ProcartaPlex (96 well)	ProcartaPlex NHP Basic Kit	Multiplex	RUO	1

Catalog #	Description	Targets	Bead Region	Quantity
<input checked="" type="checkbox"/> EPX01A-40228-901	ProcartaPlex Non Human Primate IFN gamma Simplex	IFN gamma	43	1

Add To Cart
[Previous Step](#)

Step Five

Click on **Begin Checkout** button to begin checkout process

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Cart

	Unit size	Qty	Pricing
<input type="checkbox"/> Remove Add to favorites IFN-gamma Monkey ProcartaPlex™ Simplex Kit Catalog #: EPX01A-40228-901 Enter a reserve number	96 tests	1	Price: 246.00 Your Price: 246.00 Total Price: 246.00
<input type="checkbox"/> ProcartaPlex NHP Basic Kit Catalog #: EPX010-40420-901 Enter a reserve number	96 tests	1	Price: 221.00 Your Price: 221.00 Total Price: 221.00
<input type="checkbox"/> Cytokine & Chemokine 30-Plex NHP ProcartaPlex™ Panel Catalog #: EPX300-40044-901 Enter a reserve number	96 tests	1	Price: 4,535.00 Your Price: 4,535.00 Total Price: 4,535.00
<input type="checkbox"/> Cytokine/Chemokine/Growth Factor 37-Plex NHP ProcartaPlex™ Panel Catalog #: EPX370-40045-901 Enter a reserve number	96 tests	1	Price: 5,250.00 Your Price: 5,250.00 Total Price: 5,250.00
<input type="checkbox"/> Th 14-Plex NHP ProcartaPlex™ Panel Catalog #: EPX140-40040-901 Enter a reserve number	96 tests	1	Price: 2,695.00 Your Price: 2,695.00 Total Price: 2,695.00

Price Confirmation: Except where otherwise noted, product prices are **estimated**. Your order confirmation will show final pricing.

Availability: Product availability cannot be displayed when more than 60 items are ordered. Your order confirmation will confirm availability.

Please note that **custom orders can't be canceled**.

Enter quote or promotion

Cart Summary
 5 Item(s)
 Product price 12,947.00

Cart subtotal
USD 12,947.00

[Payment Information](#)

Begin checkout
[Continue shopping](#)

Step Six

Scroll to the bottom of the cart review and click **Return cart for checkout**

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Indicate Preferences **Review Order**

Submit payment to Life Technologies Corporation ✓

Order total 14,129.64

Order Details Edit	Unit size	Qty	Pricing
IFN-gamma Monkey ProcartaPlex™ Simplex Kit Catalog #: EPX01A-40228-901	96 tests	1	Price: 246.00 Your Price: 246.00 Total Price: 246.00
ProcartaPlex NHP Basic Kit Catalog #: EPX010-40420-901	96 tests	1	Price: 224.00 Your Price: 221.00 Total Price: 221.00
Cytokine & Chemokine 30-Plex NHP ProcartaPlex™ Panel Catalog #: EPX300-40044-901	96 tests	1	Price: 4,535.00 Your Price: 4,535.00 Total Price: 4,535.00
Cytokine/Chemokine/Growth Factor 37-Plex NHP ProcartaPlex™ Panel Catalog #: EPX370-40045-901	96 tests	1	Price: 5,250.00 Your Price: 5,250.00 Total Price: 5,250.00
Th 14-Plex NHP ProcartaPlex™ Panel Catalog #: EPX140-40040-901	96 tests	1	Price: 2,695.00 Your Price: 2,695.00 Total Price: 2,695.00

Order Preferences

Send confirmation emails to: mo.ebrahimkhani@asu.edu

5 item(s)	
Product price	12,947.00
Subtotal	12,947.00
Dry/Wet Ice Charge	17.50
Handling Charge	115.00
Tax	1,050.14
Order total	14,129.64

Total: **USD 14,129.64**

Return cart for checkout

Learn more at thermofisher.com/eprocurement

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