

# Product Spotlight

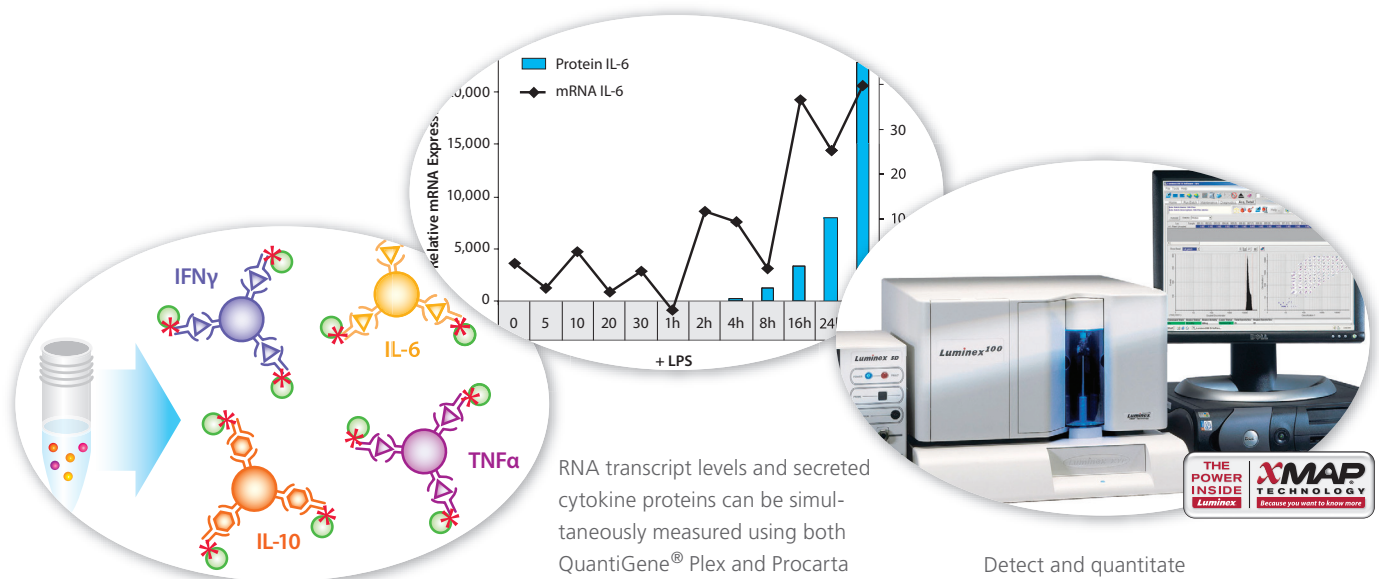
## Procarta Multiplexed Cytokine Assays

Panomics® products from Affymetrix include the largest and most affordable number of Luminex® assays in the industry.

We offer more than 221 unique Procarta® Cytokine Assays, including 100 human, 38 mouse, 32 rat, 45 non-human primates (NHP or monkey), and 6 porcine (pig) assays.

We also offer:

- Optimized assays for routine and difficult clinical samples (serum, plasma, cell tissue lysates, and bodily fluids)
- “By Request” assays that allow you to create your own custom panels from our library of cytokines
- Assay services for custom design of novel targets and for processing customer samples



Easiest and fastest assays on the market give you results in less than three hours with less than 25  $\mu$ l of sample

RNA transcript levels and secreted cytokine proteins can be simultaneously measured using both QuantiGene® Plex and Procarta Cytokine Assays

Detect and quantitate multiple protein targets with Luminex-based instruments and xMAP® technology



**Human 100**

Adiponectin  
B2M  
BDNF  
Beta NGF/NGFB  
Beta-Actin  
BLC/CXCL13/  
BCA-1  
CRP  
CTACK/CCL27  
EGF  
ENA-78/CXCL5  
Eotaxin 2/CCL24/  
MPIF-2  
Eotaxin 3/CCL26/  
MIP-4 alpha  
Eotaxin/CCL11  
FGF basic  
Fractalkine/  
CX3CL1  
GAPDH  
GCSF/CSF-3  
GM-CSF/CSF-2  
Granzyme B  
GRO alpha/CXCL1  
HER-2  
HGF  
ICAM-1  
IFN alpha 2  
IFN beta  
IFN gamma  
IFN omega  
IL-1 alpha  
IL-1 beta  
IL-1 RA/IL1R1  
IL-2  
IL-2RA/CD25  
IL-3  
IL-4  
IL-5  
IL-6  
IL-7  
IL-8/CXCL8  
IL-9  
IL-10/CSIF  
IL-12 (p40)  
IL-12 (p70)  
IL-13  
IL-15  
IL-16/LCF  
IL-17A/CTLA8  
IL-17F/ML-1  
IL-20  
IL-21  
IL-22/IL-TIF  
IL-23  
IL-27

**IL-31**

IP10/CXCL10  
ITAC/CXCL11  
Leptin/LEP  
LIF  
MCP-1/CCL2  
MCP-3/CCL7  
MCSF/CSF-1  
MIF  
MIG/CXCL9  
MIP-1 beta/CCL4  
MIP-1 alpha/CCL3  
MIP-3 alpha/CCL20  
MMP-1  
MMP-2  
MMP-3  
MMP-7  
MMP-8  
MMP-9  
MMP-12  
MMP-13  
MPO/  
Myeloperoxidase  
PAI-1/Serpin E1  
PDGFBB  
PIGF-1  
RANTES/CCL5  
Resistin/ADSF  
SAA/serum  
amyloid A1  
SAP/Pentraxin 2  
sCD40 ligand  
SCF/MGF/KITLG  
SCGF-beta/  
CLEC11A  
SDF-1/CXCL12  
sE-selectin/CD62E/  
ELAM1  
sFas Ligand/TNFSF6  
sFas/TNFRSF6  
sRANKL/TNFSF11  
Survivin/BIRC5  
TGF alpha  
TGF beta1  
TGF beta1  
TNF alpha  
TNF beta/TNFSF1/  
LTA  
TNFR1I/TNFRSF1B  
TPO/  
Thrombopoietin  
TRAIL/TNFSF10  
VCAM-1  
VEGF-A

**Mouse 38**

Adiponectin  
BTC  
Eotaxin  
G-CSF  
GM-CSF  
IFN gamma  
IL-1 alpha  
IL-1 beta  
IL-2  
IL-3  
IL-4  
IL-5  
IL-6  
IL-9  
IL-10  
IL-12 p40  
IL-12 p70  
IL-13  
IL-17  
IL-23  
IP-10  
KC  
Leptin  
LIF  
LIX  
MCP-1  
MCP-3  
MCSF  
MIP-1 alpha  
MIP-2  
RANTES  
sRANKL  
TGF beta  
TNF alpha  
VEGF  
IFN alpha  
IFN beta  
TGF beta

**Rat 32**

Eotaxin  
G-CSF  
GM-CSF  
ICAM  
IFN gamma  
IL-1 alpha  
IL-1 beta  
IL-2  
IL-4  
IL-5  
IL-6  
IL-10  
IL-12 p40  
IL-12 p70  
IL-13  
IL-17  
IP10  
KC  
Leptin  
MCP-1  
MCP-3  
MIP-1 alpha  
MIP-2  
NGF  
RANTES  
sRANKL  
TGF beta  
TNF alpha  
VCAM  
VEGF  
CRP  
TGF beta

**Monkey 45**

Adiponectin  
PAI-1  
BLC  
Eotaxin  
FBF-Basic  
G-CSF  
GM-CSF  
Granzyme B  
ICAM  
IFN gamma  
IL-1 beta  
IL-2  
IL-4  
IL-5  
IL-6  
IL-8  
IL-10  
IL-12 p40  
IL-12 p70  
IL-13  
IL-15  
IL-17A  
IL-17F  
IL-1RA  
IL-23  
IP10  
ITAC  
MCP-1  
MCP-3  
MIF  
MIG  
MIP-1 alpha  
MIP-1 beta  
NGF  
PDGF-BB  
RANTES  
Resistin  
sCD40  
Ligand  
TGF beta1  
TGF alpha  
TNF alpha  
TNF beta  
TRAIL  
VCAM  
VEGF

**Pig 6**

IL-1 beta  
IL-4  
IL-6  
IL-8  
IL-10  
TNF alpha

To learn more about our  
Procarta® product portfolio,  
visit our website at  
[www.panomics.com/affymetrix/](http://www.panomics.com/affymetrix/)

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