

ProcartaPlex Human Cytokine/Chemokine/Growth Factor Panel 1 45plex

As determined for Lot 1		
	Sensitivity	Standard Curve Range
BDNF	1.02 pg/mL	2.44-10000 pg/mL
EGF	0.85 pg/mL	2.93-12000 pg/mL
Eotaxin	1.4 pg/mL	0.61-2500 pg/mL
FGF-2	2.47 pg/mL	4.88-20000 pg/mL
GM-CSF	1.2 pg/mL	17.09-70000 pg/mL
GRO alpha	2.8 pg/mL	2.44-10000 pg/mL
HGF	3.10 pg/mL	8.79-36000 pg/mL
IFN alpha	0.2 pg/mL	0.61-2500 pg/mL
IFN gamma	0.2 pg/mL	12.21-50000 pg/mL
IL-1RA	17.8 pg/mL	34.18-140000 pg/mL
IL-1 alpha	0.1 pg/mL	0.61-2500 pg/mL
IL-1 beta	0.2 pg/mL	2.44-10000 pg/mL
IL-2	0.8 pg/mL	4.88-20000 pg/mL
IL-4	1.5 pg/mL	12.21-50000 pg/mL
IL-5	0.3 pg/mL	7.32-30000 pg/mL
IL-6	0.4 pg/mL	9.77-40000 pg/mL
IL-7	0.2 pg/mL	0.61-2500 pg/mL
IL-8	1.2 pg/mL	2.44-10000 pg/mL
IL-9	0.5 pg/mL	9.77-40000 pg/mL
IL-10	0.1 pg/mL	2.44-10000 pg/mL
IL-12p70	0.04 pg/mL	6.84-28000 pg/mL
IL-13	0.1 pg/mL	2.44-10000 pg/mL
IL-15	1.1 pg/mL	3.05-12500 pg/mL
IL-17A	0.1 pg/mL	2.44-10000 pg/mL
IL-18	0.4 pg/mL	9.77-40000 pg/mL
IL-21	0.6 pg/mL	9.77-40000 pg/mL
IL-22	8.2 pg/mL	31.74-130000 pg/mL
IL-23	0.9 pg/mL	14.65-60000 pg/mL
IL-27	5.1 pg/mL	24.41-100000 pg/mL
IL-31	3.3 pg/mL	19.53-80000 pg/mL
IP-10	0.3 pg/mL	1.95-8000 pg/mL
LIF	0.83 pg/mL	6.10-25000 pg/mL
MCP-1	0.6 pg/mL	1.22-5000 pg/mL
MIP-1 alpha	1.1 pg/mL	2.14-8750 pg/mL
MIP-1 beta	4.7 pg/mL	6.10-25000 pg/mL
NGF beta	6.19 pg/mL	7.32-30000 pg/mL
RANTES	0.2 pg/mL	0.61-2500 pg/mL
PDGF-BB	6.01 pg/mL	7.32-30000 pg/mL
PIGF-1	0.23 pg/mL	1.22-5000 pg/mL
SCF	0.57 pg/mL	1.59-6500 pg/mL
SDF-1 alpha	20.5 pg/mL	17.09-70000 pg/mL
TNF alpha	0.4 pg/mL	8.54-35000 pg/mL
TNF beta	1.6 pg/mL	6.10-25000 pg/mL
VEGF-A	1.73 pg/mL	5.86-24000 pg/mL
VEGF-D	0.88 pg/mL	12.21-50000 pg/mL

Documentation and support

Customer and technical support

Visit **thermofisher.com/support** for the latest in services and support, including:

- Worldwide contact telephone numbers
- Product support, including:
 - Product FAQs
 - Software, patches, and updates
- Order and web support
- Product documentation, including:
 - User guides, manuals, and protocols
 - Certificates of Analysis
 - Safety Data Sheets (SDSs; also known as MSDSs)

Note: For SDSs for reagents and chemicals from other manufacturers, contact the manufacturer.

Limited product warranty

Life Technologies Corporation and/or its affiliate(s) warrant their products as set forth in the Life Technologies' General Terms and Conditions of Sale found on Life Technologies' website at **www.thermofisher.com/us/en/home/global/terms-and-conditions.html**. If you have any questions, please contact Life Technologies at **thermofisher.com/support**.

The information in this guide is subject to change without notice.

DISCLAIMER: TO THE EXTENT ALLOWED BY LAW, LIFE TECHNOLOGIES AND/OR ITS AFFILIATE(S) WILL NOT BE LIABLE FOR SPECIAL, INCIDENTAL, INDIRECT, PUNITIVE, MULTIPLE, OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH OR ARISING FROM THIS DOCUMENT, INCLUDING YOUR USE OF IT.

Important Licensing Information: These products may be covered by one or more Limited Use Label Licenses. By use of these products, you accept the terms and conditions of all applicable Limited Use Label Licenses.

Corporate entity: Life Technologies | Carlsbad, CA 92008 USA | Toll Free in USA 1.800.955.6288

©2017 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified. All other trademarks are properties of their respective owners.

For support visit **thermofisher.com/support** or email **techsupport@lifetech.com**

thermofisher.com

23 January 2017

ThermoFisher
SCIENTIFIC