

Certificate of analysis

Cat. number: **LHC0001M**

Name: **Cytokine Human Magnetic 10-Plex Panel for Luminex™ Platform**

Lot number: **447990-002**

Expiry Date: **2027-06**

Components		Quantity	Lot	Store at
SM311/2	Hu 16-plex Standard (dissolve in 1000µl)	2 x each	452281-000	2-8°C
LM314/2	Antibody Bead Concentrate (10x)	1 x 0,25ml	427399-000	2-8°C
BN314/2	Biotinylated Ab Conc. (10x)	1 x 1 ml	427365-000	2-8°C
DB03	Biotin Diluent	1 x 12ml	432079-000	2-8°C
DP01	Streptavidin-RPE Diluent	1 x 12ml	420907-000	2-8°C
IB03	Incubation Buffer	1 x 12ml	423093-000	2-8°C
WB04	Wash Solution Concentrate (20x)	1 x 50ml	432118-000	2-8°C
SR08	Streptavidin-RPE Concentrate (10x)	1 x 1ml	421314-000	2-8°C
DA05/2	Assay Diluent	1 x 15ml	445844-000	2-8°C
SVM104	Black Microplate Lid	1 each		2-8°C
SVM16	Plate Covers	8 each		2-8°C
SVM182	Flat bottom Plate (black)	1 each		2-8°C

Hu 16-plex Standard Lot#452281-000

Provided below is a table of Standard 1 (Std1) value for each analyte in each tube when prepared according to the "Prepare antigen standard" procedure of the Manual. All data were evaluated in a 2-hour incubation at room temperature.

Analyte	Std1 Concentration (pg/ml)	ULOQ / LLOQ (pg/ml) Determined in Assay Diluent
GM-CSF	5010	5010 / 6,87
IFN alpha	9725	9725 / 13
IFN gamma	4220	4220 / 5,79
IL-1 beta	6840	2280 / 9,38
IL-10	9950	9950 / 14
IL-12/IL-23p40	7680	7680 / 11
IL-13	10295	10295 / 14
IL-15	12505	12505 / 17
IL-17A (CTLA-8)	15995	15995 / 22
IL-2	8025	8025 / 11
IL-4	31225	10408 / 43
IL-5	9470	9470 / 13
IL-6	9320	9320 / 13
IL-7	12255	12255 / 17
IL-8 (CXCL8)	5765	5765 / 7,91
TNF alpha	2810	2810 / 3,85

Antibody Bead Concentrate (10x) Lot#427399-000

Target Name	Bead Number	Concentration Std1	Standard
GM-CSF	27	5010 pg/ml	Hu 16-plex Standard
IFN gamma	38	4220 pg/ml	Hu 16-plex Standard
IL-1 beta	13	6840 pg/ml	Hu 16-plex Standard
IL-10	15	9950 pg/ml	Hu 16-plex Standard
IL-2	54	8025 pg/ml	Hu 16-plex Standard
IL-4	77	31225 pg/ml	Hu 16-plex Standard
IL-5	34	9470 pg/ml	Hu 16-plex Standard
IL-6	19	9320 pg/ml	Hu 16-plex Standard
IL-8 (CXCL8)	78	5765 pg/ml	Hu 16-plex Standard
TNF alpha	52	2810 pg/ml	Hu 16-plex Standard

Analytical information:

This product has been tested by Quality Control and passed internal specifications.

Quality control:

A handwritten signature in black ink, appearing to read 'Jalind', is positioned to the right of the 'Quality control:' text.

For Research Use Only. Not for use in diagnostic procedures. If you have any further questions about this Certificate of Analysis, please contact Technical Services at 1-800-955-6288 (US and Canada) or 1-760-603-7200, x2 (all other countries).
For inquiries, contact us at "thermofisher.com/askaquestion"