

Certificate of analysis

 Cat. number: **LHC0001M**

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

 Lot number: **449289-001**

 Expiry Date: **2027-05**

Components		Quantity	Lot	Store at
SM311/2	Hu 16-plex Standard (dissolve in 1000µl)	2 x each	448973-000	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#448973-000

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	5680	5680 / 7,79
IFN alpha	9810	9810 / 13
IFN gamma	4340	4340 / 5,95
IL-1 beta	11365	3788 / 16
IL-10	11805	11805 / 16
IL-12/IL-23p40	7520	7520 / 10
IL-13	10410	10410 / 14
IL-15	12650	12650 / 17
IL-17A (CTLA-8)	16350	16350 / 22
IL-2	9610	9610 / 13
IL-4	39485	13162 / 54
IL-5	13035	13035 / 18
IL-6	10450	10450 / 14
IL-7	12000	12000 / 16
IL-8 (CXCL8)	6865	6865 / 9,42
TNF alpha	3720	3720 / 5,10

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

Target Name	Bead Number	Concentration Std1	Standard
GM-CSF	27	5680 pg/ml	Hu 16-plex Standard
IFN gamma	38	4340 pg/ml	Hu 16-plex Standard
IL-1 beta	13	11365 pg/ml	Hu 16-plex Standard
IL-10	15	11805 pg/ml	Hu 16-plex Standard
IL-2	54	9610 pg/ml	Hu 16-plex Standard
IL-4	77	39485 pg/ml	Hu 16-plex Standard
IL-5	34	13035 pg/ml	Hu 16-plex Standard
IL-6	19	10450 pg/ml	Hu 16-plex Standard
IL-8 (CXCL8)	78	6865 pg/ml	Hu 16-plex Standard
TNF alpha	52	3720 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'.

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"