

Certificate of analysis

 Cat. number: **LHC0001M**

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

 Lot number: **441059-002**

 Expiry Date: **2027-04**

Components		Quantity	Lot	Store at
SM311/2	Hu 16-plex Standard (dissolve in 1000µL)	2 x each	390945-000	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	399804-000	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	391355-000	2-8°C
SR08	Streptavidin-RPE Concentrate (10x)	1 x 1ml	421314-000	2-8°C
DA05/2	Assay Diluent	1 x 15ml	420293-000	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#390945-000

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	4140	4140 / 5,68
IFN alpha	8225	8225 / 11
IFN gamma	2390	2390 / 3,28
IL-1 beta	6250	2083 / 8,57
IL-10	7180	7180 / 9,85
IL-12/IL-23p40	5280	5280 / 7,24
IL-13	9450	9450 / 13
IL-15	10190	10190 / 14
IL-17A (CTLA-8)	15740	15740 / 22
IL-2	8655	8655 / 12
IL-4	32940	32940 / 45
IL-5	5970	1990 / 8,19
IL-6	7220	7220 / 9,90
IL-7	10495	10495 / 14
IL-8 (CXCL8)	5135	5135 / 7,04
TNF alpha	2560	2560 / 3,51

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

Target Name	Bead Number	Concentration Std1	Standard
GM-CSF	27	4140 pg/ml	Hu 16-plex Standard
IFN gamma	38	2390 pg/ml	Hu 16-plex Standard
IL-1 beta	13	6250 pg/ml	Hu 16-plex Standard
IL-10	15	7180 pg/ml	Hu 16-plex Standard
IL-2	54	8655 pg/ml	Hu 16-plex Standard
IL-4	77	32940 pg/ml	Hu 16-plex Standard
IL-5	34	5970 pg/ml	Hu 16-plex Standard
IL-6	19	7220 pg/ml	Hu 16-plex Standard
IL-8 (CXCL8)	78	5135 pg/ml	Hu 16-plex Standard
TNF alpha	52	2560 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"