

Certificate of analysis

Cat. number: **LHC0001M**

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

Lot number: **447990-001**

Expiry Date: **2027-05**

Components		Quantity	Lot	Store at
SM311/2	Hu 16-plex Standard (dissolve in 1000µl)	2 x each	441112-000	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	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#441112-000

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	4540	4540 / 6,23
IFN alpha	9240	9240 / 13
IFN gamma	3270	3270 / 4,49
IL-1 beta	7460	2487 / 10
IL-10	8520	8520 / 12
IL-12/IL-23p40	6920	6920 / 9,49
IL-13	10730	10730 / 15
IL-15	12920	12920 / 18
IL-17A (CTLA-8)	15960	15960 / 22
IL-2	9760	9760 / 13
IL-4	38035	12678 / 52
IL-5	8295	8295 / 11
IL-6	7150	7150 / 9,81
IL-7	12005	12005 / 16
IL-8 (CXCL8)	5980	5980 / 8,20
TNF alpha	2960	2960 / 4,06

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

Target Name	Bead Number	Concentration Std1	Standard
GM-CSF	27	4540 pg/ml	Hu 16-plex Standard
IFN gamma	38	3270 pg/ml	Hu 16-plex Standard
IL-1 beta	13	7460 pg/ml	Hu 16-plex Standard
IL-10	15	8520 pg/ml	Hu 16-plex Standard
IL-2	54	9760 pg/ml	Hu 16-plex Standard
IL-4	77	38035 pg/ml	Hu 16-plex Standard
IL-5	34	8295 pg/ml	Hu 16-plex Standard
IL-6	19	7150 pg/ml	Hu 16-plex Standard
IL-8 (CXCL8)	78	5980 pg/ml	Hu 16-plex Standard
TNF alpha	52	2960 pg/ml	Hu 16-plex Standard

Analytical information:

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

Quality control:



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"