

Certificate of analysis

ProcartaPlex

Cat. number: **EPX640-20064-901**
96 tests/64 analytes

Name: **ProcartaPlex Mouse Immune Response Panel 64-plex**

Lot number: **409208-008**

Expiry Date: **2025-09**

Components

		Quantity	Lot	Store at
B20064EX	Bead Mix	1 x 5ml (1x)	395927-000	2-8°C
BK20064EX	Det. Ab Mix	1 x 3.5ml (1x)	395974-000	2-8°C
S20834EX	Standard Mix D	2 each	363442-000	2-8°C
C20834LowEX	mouse Control D Low	2 each	363460-000	2-8°C
C20834HighEX	mouse Control D High	2 each	363459-000	2-8°C
S20064EX	Standardmix K	2 each	403514-000	2-8°C
C20064LOWEX	Mouse Control K Low	2 each	403516-000	2-8°C
C20064HIGHEX	Mouse Control K High	2 each	403515-000	2-8°C
RBEX/46	Reading Buffer	1 x 40ml	24046158	2-8°C
UABEX/11	Universal Assay Buffer 1x	1 x 10ml	24057241	2-8°C
WBEX/28	10x Wash Buffer	1 x 25ml	24057242	2-8°C
SA-PE	Streptavidin-PE	1 x 5ml	404758-000	2-8°C
SVM104	Black Microplate Lid	1 each		2-8°C
SVM16	Plate Covers	8 each		2-8°C
SVM183	PCR 8-Tube Strip	2 each		2-8°C
SVM182	Flat bottom Plate (black)	1 each		2-8°C

Bead Mix Lot#395927-000

Target Name	Bead Number	Concentration Std1	Standard
BAFF	67	6200 pg/ml	Standard Mix D
Betacellulin (BTC)	73	7250 pg/ml	Standard Mix D
BLC (CXCL13)	99	2000 pg/ml	Standardmix K
CD27	84	21900 pg/ml	Standardmix K
CTACK (CCL27)	59	13800 pg/ml	Standardmix K
ENA-78 (CXCL5)	57	35000 pg/ml	Standard Mix D
Eotaxin (CCL11)	62	2650 pg/ml	Standard Mix D
Eotaxin-2 (CCL24)	69	5600 pg/ml	Standardmix K
G-CSF (CSF-3)	12	5250 pg/ml	Standard Mix D
GM-CSF	42	13100 pg/ml	Standard Mix D
Granzyme B	49	38100 pg/ml	Standardmix K
GRO alpha (CXCL1)	43	8750 pg/ml	Standard Mix D
I-TAC (CXCL11)	81	5700 pg/ml	Standardmix K
IFN alpha	30	23000 pg/ml	Standard Mix D
IFN gamma	38	3900 pg/ml	Standard Mix D
IL-1 alpha	56	10200 pg/ml	Standard Mix D
IL-1 beta	19	7650 pg/ml	Standard Mix D
IL-10	13	24700 pg/ml	Standard Mix D
IL-12p70	39	7550 pg/ml	Standard Mix D
IL-13	35	11900 pg/ml	Standard Mix D
IL-15	54	14400 pg/ml	Standard Mix D
IL-16	68	3050 pg/ml	Standardmix K
IL-17A (CTLA-8)	52	4550 pg/ml	Standard Mix D
IL-18	66	134300 pg/ml	Standard Mix D
IL-19	61	56500 pg/ml	Standard Mix D
IL-2	20	15000 pg/ml	Standard Mix D
IL-22	33	47900 pg/ml	Standard Mix D
IL-23	37	45900 pg/ml	Standard Mix D
IL-25 (IL-17E)	29	24600 pg/ml	Standard Mix D
IL-27	36	7500 pg/ml	Standard Mix D
IL-28	64	187200 pg/ml	Standard Mix D
IL-2R	63	14600 pg/ml	Standard Mix D
IL-3	14	1450 pg/ml	Standard Mix D
IL-31	76	36700 pg/ml	Standard Mix D
IL-33	75	111500 pg/ml	Standard Mix D
IL-33R (ST2)	78	77400 pg/ml	Standard Mix D
IL-4	26	5000 pg/ml	Standard Mix D
IL-5	27	33800 pg/ml	Standard Mix D
IL-6	28	21400 pg/ml	Standard Mix D
IL-6R/sIL-6R	91	162400 pg/ml	Standardmix K
IL-7	74	13000 pg/ml	Standard Mix D
IL-7R alpha	53	13500 pg/ml	Standard Mix D
IL-9	34	16300 pg/ml	Standard Mix D
IP-10 (CXCL10)	22	4050 pg/ml	Standard Mix D
Leptin	65	257400 pg/ml	Standard Mix D
LIF	18	5650 pg/ml	Standard Mix D
M-CSF	21	2450 pg/ml	Standard Mix D
MCP-1 (CCL2)	51	35700 pg/ml	Standard Mix D
MCP-3 (CCL7)	48	2650 pg/ml	Standard Mix D
MCP-5 (CCL12)	98	3000 pg/ml	Standardmix K
MDC (CCL22)	88	3400 pg/ml	Standardmix K
MIP-1 alpha (CCL3)	47	2200 pg/ml	Standard Mix D
MIP-1 beta (CCL4)	72	3450 pg/ml	Standard Mix D
MIP-2 alpha (CXCL2)	55	5000 pg/ml	Standard Mix D
MIP-3 beta (CCL19)	87	13300 pg/ml	Standardmix K
RANKL	46	5850 pg/ml	Standard Mix D
RANTES (CCL5)	44	14800 pg/ml	Standard Mix D
SYB16 (CXCL16)	58	2400 pg/ml	Standardmix K
TARC (CCL17)	79	3800 pg/ml	Standardmix K
TECK (CCL25)	89	510400 pg/ml	Standardmix K
TNF alpha	45	13300 pg/ml	Standard Mix D
TSLP	70	21000 pg/ml	Standardmix K
VEGF-A	25	5300 pg/ml	Standard Mix D
VEGF-R2 (KDR)	96	58500 pg/ml	Standardmix K

Standard Mix D Lot#363442-000

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 Universal Assay Buffer
BAFF	6200	6200 / 1,51
Betacellulin (BTC)	7250	7250 / 7,08
ENA-78 (CXCL5)	35000	35000 / 8,54
Eotaxin (CCL11)	2650	2650 / 0,65
G-CSF (CSF-3)	5250	5250 / 1,28
GM-CSF	13100	13100 / 3,20
GRO alpha (CXCL1)	8750	8750 / 2,14
IFN alpha	23000	23000 / 22
IFN gamma	3900	3900 / 0,95
IL-1 alpha	10200	10200 / 9,96
IL-1 beta	7650	7650 / 1,87
IL-10	24700	24700 / 6,03
IL-12p70	7550	1888 / 1,84
IL-13	11900	11900 / 2,91
IL-15	14400	14400 / 3,52
IL-17A (CTLA-8)	4550	4550 / 1,11
IL-18	134300	134300 / 131
IL-19	56500	56500 / 55
IL-2	15000	15000 / 3,66
IL-22	47900	47900 / 12
IL-23	45900	45900 / 11
IL-25 (IL-17E)	24600	6150 / 24
IL-27	7500	7500 / 1,83
IL-28	187200	187200 / 46
IL-2R	14600	14600 / 3,56
IL-3	1450	1450 / 0,35
IL-31	36700	36700 / 8,96
IL-33	111500	111500 / 27
IL-33R (ST2)	77400	77400 / 19
IL-4	5000	5000 / 1,22
IL-5	33800	8450 / 8,25
IL-6	21400	21400 / 5,22
IL-7	13000	13000 / 3,17
IL-7R alpha	13500	13500 / 3,30
IL-9	16300	4075 / 3,98
IP-10 (CXCL10)	4050	4050 / 0,99
Leptin	257400	257400 / 251
LIF	5650	5650 / 1,38
MCP-1 (CCL2)	35700	8925 / 8,72
MCP-3 (CCL7)	2650	2650 / 2,59
M-CSF	2450	2450 / 0,60
MIP-1 alpha (CCL3)	2200	2200 / 0,54
MIP-1 beta (CCL4)	3450	863 / 0,84
MIP-2 alpha (CXCL2)	5000	5000 / 4,88
RANKL	5850	5850 / 1,43
RANTES (CCL5)	14800	3700 / 3,61
TNF alpha	13300	13300 / 3,25
VEGF-A	5300	1325 / 1,29

Standardmix K Lot#403514-000

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 Universal Assay Buffer
BLC (CXCL13)	2000	2000 / 0,49
CD27	21900	21900 / 5,35
CTACK (CCL27)	13800	13800 / 3,37
Eotaxin-2 (CCL24)	5600	5600 / 1,37
Granzyme B	38100	38100 / 9,30
IL-16	3050	3050 / 0,74
IL-6R/sIL-6R	162400	162400 / 40
I-TAC (CXCL11)	5700	5700 / 1,39
MCP-5 (CCL12)	3000	750 / 0,73
MDC (CCL22)	3400	850 / 0,83
MIP-3 beta (CCL19)	13300	13300 / 3,25
SYB16 (CXCL16)	2400	2400 / 0,59
TARC (CCL17)	3800	3800 / 0,93
TECK (CCL25)	510400	510400 / 125
TSLP	21000	21000 / 5,13
VEGF-R2 (KDR)	58500	58500 / 14

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"