

# Mouse 12-Plex Chemokine Kit

## Performance



**Table:**

Median assay parameters from n = 20 experiments. LoD = Limit of detection, LLOQ = Lower limit of quantification, ULOQ = Upper limit of quantification. All values depicted as pg/mL.

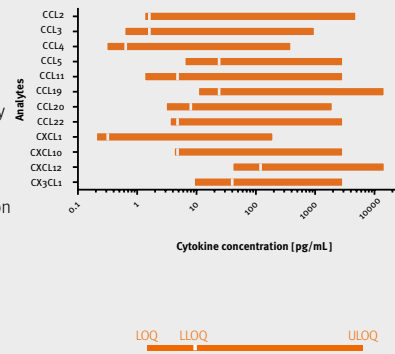
Analyte	LoD	LLOQ	ULOQ	DR
CCL2	1,3	1,6	5000	3,7
CCL3	0,6	1,6	1000	3,0
CCL4	0,3	0,64	400	2,6
CCL5	6,2	24	3000	3,5
CCL11	1,3	4,8	3000	3,5
CCL19	10,5	24	15000	4,2
CCL20	3,0	8	2000	3,3
CCL22	3,5	4,8	3000	3,5
CXCL1	0,2	0,32	200	2,3
CXCL10	4,1	4,8	3000	3,5
CXCL12	39,7	120	15000	4,2
CX3CL1	8,9	40	3000	3,5

**List of analytes:**

CCL2, CCL3, CCL4, CCL5, CCL11, CCL19, CCL20, CCL22, CXCL1, CXCL10, CXCL12, CX3CL1

**Figure:**

Bar diagram depicting the median assay parameters shown in the table. The orange bar represents the dynamic range of the assay from LoD (left border) to the ULOQ (right border). The LLOQ is depicted as white line. N = 20 validation experiments.



## Specifications

<b>Species</b>	Mouse	
<b>Sample type</b>	Serum and cell culture supernatant.	
<b>Applications</b>	The panel enables multiplexed quantification of the 11 listed biomarkers.	
<b>Quality criteria</b>	Precision Accuracy Cross reactivity	Intra Run CV: <10%; Inter Run CV: <20% Intra Run: 80-120%; Inter Run: 80-120% No cross reactivity between tested analytes observed.
<b>Storage conditions</b>	Store kit at 2-8°C Store separately delivered standard solution at -20°C	
<b>Background</b>	The <b>LUNARIS™ Mouse 12-Plex Chemokine Kit</b> is validated for quantification of 11 murine chemokines involved in cell trafficking and effector functions of lymphocytes, granulocytes and mononuclear cells. Chemokines are an essential part of the humoral immune response and are major players in pathological conditions like rheumatoid arthritis and atherosclerosis.	
<b>Intended use</b>	For Research Use Only. Not for use in diagnostic procedures.	

## Ordering Information

MTP plate format	#LUNARIS™ BioChips	Cat.No.	#Samples in duplicates
96	1 × 32	LMCK-10120S	8
	3 × 32	LMCK-10120F	40
384	1 × 96	LMCK-20120S	40
	4 × 96	LMCK-20120F	184

For more information about our technology and products, please contact one of our specialists:

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