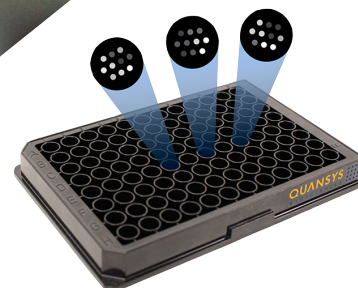


# Q-PLEX™ NHP

## CHEMOKINE

## SCREEN

### (9-PLEX)



The Q-Plex NHP Chemokine Screen (9-Plex) is a fully quantitative ELISA-based chemiluminescent assay allowing the concurrent measurement of nine biomarkers or analytes.

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# Background

The Q-Plex NHP Chemokine Screen (9-Plex) is a fully quantitative ELISA-based chemiluminescent assay allowing the concurrent measurement of nine biomarkers or analytes. Using only 25 µL of sample per well, up to 80 samples can be assayed for all nine markers in the panel within 4 hours.

The Q-Plex NHP Chemokine Screen (9-Plex) provides researchers an easy to use and cost-effective means of generating a cytokine profile for each sample. Q-Plex™ plates are built by adsorbing nine distinct capture antibodies in a defined array to the bottom of each well. Our high-quality reagents help ensure the accuracy of your results.

<b>Species Specificity</b>	NHP
<b>Assay Type</b>	Sandwich
<b>Sample Type</b>	Serum, Plasma
<b>Assay Length</b>	4 hours
<b>Volume Required Per Well</b>	Min. 25 µL
<b>Detection Mention</b>	Chemiluminescent
<b>Multiplex Format</b>	96-well solid plate
<b>Catalog #</b>	120933MB

## Example Performance and Validation Data

Analyte	Assay Type	Calibrator Range	Upper Limit of Quantification (ULOQ)	Lower Limit of Quantification (LLOQ)	Limit of Detection	Precision* (Inter-assay)	Precision* (Intra-assay)	Average* Linearity
CXCL-1	Sandwich	2,000 - 2.74 (pg/mL)	1,400 (pg/mL)	3.57 (pg/mL)	1.37 (pg/mL)	7.5%	3.7%	94%
IL-8	Sandwich	2,000 - 2.74 (pg/mL)	1,400 (pg/mL)	3.57 (pg/mL)	1.37 (pg/mL)	11.5%	5.1%	99%
IP-10	Sandwich	2,984 - 4.09 (pg/mL)	700 (pg/mL)	5.32 (pg/mL)	2.05 (pg/mL)	5.2%	2.8%	93%
MCP-1	Sandwich	2,000 - 2.74 (pg/mL)	1,400 (pg/mL)	10.7 (pg/mL)	1.37 (pg/mL)	6.9%	2.9%	82%
MIF	Sandwich	230,000 - 315.50 (pg/mL)	161,000 (pg/mL)	410.15 (pg/mL)	158 (pg/mL)	7.9%	11.2%	113%
MIG	Sandwich	7,766 - 10.65 (pg/mL)	5,436.2 (pg/mL)	13.85 (pg/mL)	5.33 (pg/mL)	9.9%	4.7%	104%
MIP-1α	Sandwich	2,000 - 2.74 (pg/mL)	467 (pg/mL)	3.57 (pg/mL)	1.37 (pg/mL)	9.7%	5.5%	120%
MIP-1β	Sandwich	5,000 - 6.86 (pg/mL)	3,500 (pg/mL)	8.92 (pg/mL)	3.43 (pg/mL)	7.2%	3.3%	110%
RANTES	Sandwich	6,703 - 9.19 (pg/mL)	4,692.1 (pg/mL)	11.95 (pg/mL)	4.60 (pg/mL)	7.1%	5.1%	113%

\* Actual values may vary from kit to kit. Please see the In-Kit Certificate of Analysis included in your kit for specific values.



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