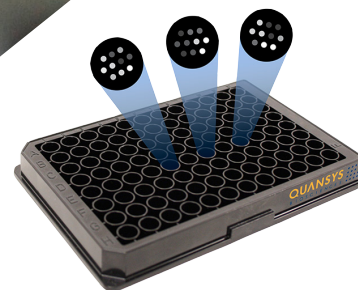


Q-PLEX™ NHP

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.

QUANSYS 
BIOSCIENCES

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.

Species Specificity	NHP
Assay Type	Sandwich
Sample Type	Serum, Plasma
Assay Length	4 hours
Volume Required Per Well	Min. 25 µL
Detection Mention	Chemiluminescent
Multiplex Format	96-well solid plate
Catalog #	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)	8%	4%	94%
IL-8	Sandwich	2,000-2.74 (pg/mL)	1,400 (pg/mL)	3.57 (pg/mL)	1.37 (pg/mL)	12%	6%	99%
IP-10	Sandwich	995-4.09 (pg/mL)	700 (pg/mL)	5.32 (pg/mL)	2.05 (pg/mL)	20%	4%	93%
MCP-1	Sandwich	2,000-2.74 (pg/mL)	1,400 (pg/mL)	10.7 (pg/mL)	4.12 (pg/mL)	12%	4%	82%
MIF	Sandwich	230,000-315.50 (pg/mL)	161,000 (pg/mL)	410.15 (pg/mL)	157.75 (pg/mL)	20%	4%	113%
MIG	Sandwich	7,766-10.65 (pg/mL)	5,436.2 (pg/mL)	13.85 (pg/mL)	5.33 (pg/mL)	16%	5%	104%
MIP-1α	Sandwich	667-2.74 (pg/mL)	467 (pg/mL)	3.57 (pg/mL)	1.37 (pg/mL)	11%	4%	120%
MIP-1β	Sandwich	5,000-6.86 (pg/mL)	3,500 (pg/mL)	8.92 (pg/mL)	3.43 (pg/mL)	85%	6%	110%
RANTES	Sandwich	6,703-9.19 (pg/mL)	4,692.1 (pg/mL)	11.95 (pg/mL)	4.60 (pg/mL)	17%	12%	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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