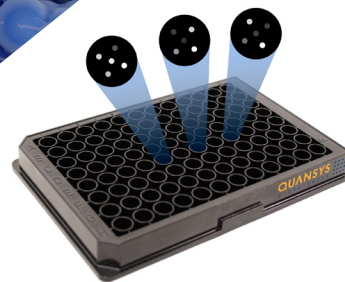
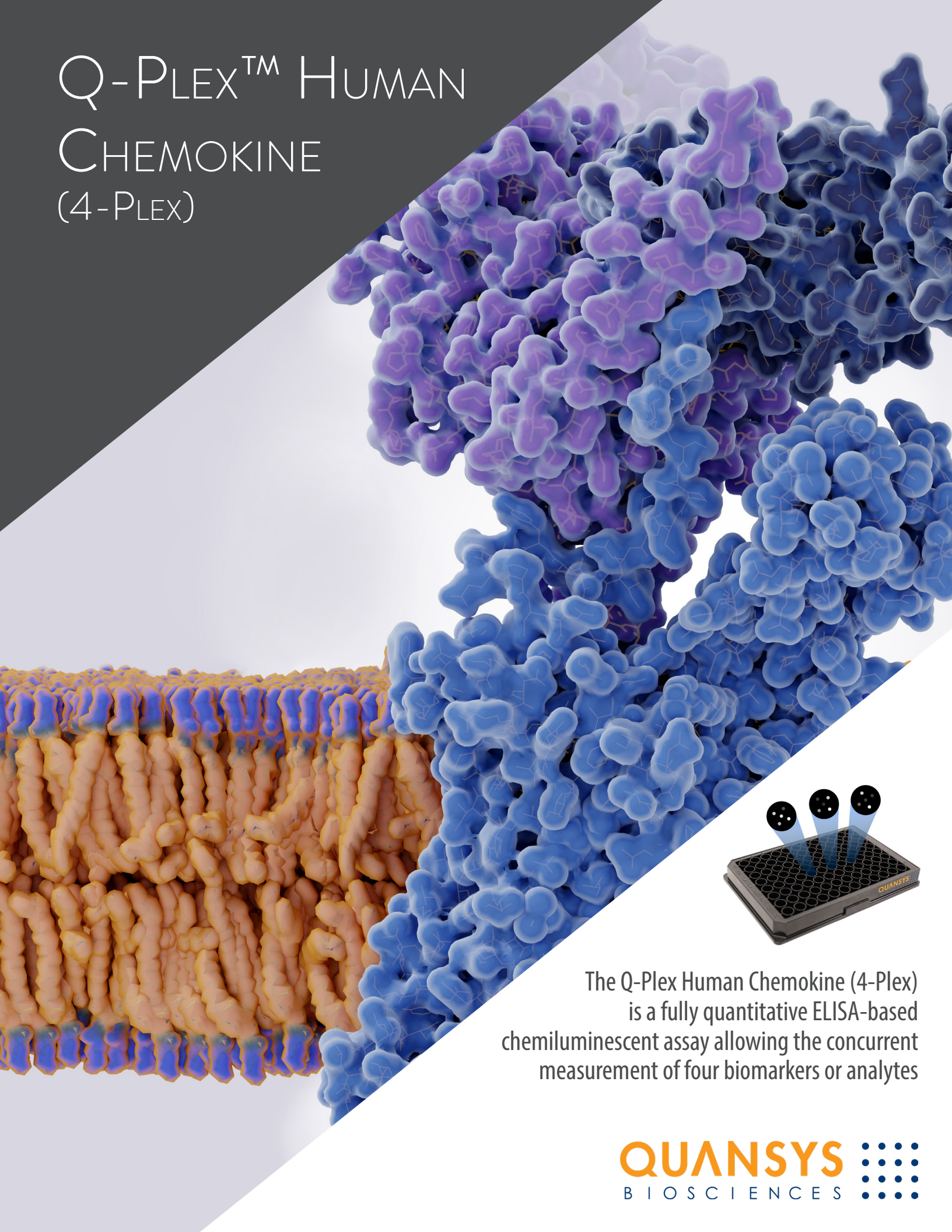


Q-PLEX™ HUMAN CHEMOKINE (4-PLEX)



The Q-Plex Human Chemokine (4-Plex)
is a fully quantitative ELISA-based
chemiluminescent assay allowing the concurrent
measurement of four biomarkers or analytes

Catalog	Product	Markers			
125433HU	Q-Plex™ Human Chemokine (4-Plex)	IL-8	IP-10	MCP-1	RANTES

Background

The Q-Plex Human Chemokine (4-Plex) is a fully quantitative ELISA-based chemiluminescent assay allowing the concurrent measurement of four biomarkers or analytes: IL-8, IP-10, MCP-1, and RANTES.

Each kit contains a 96-well plate, featuring the relevant biomarker panel, and all the reagents required to perform testing. Q-Plex™ plates are built by absorbing 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.

Using just 50 µL of sample per well, up to 80 samples can be assayed for all four markers in the panel within 2.5 hours. Q-Plex™ Arrays provide researchers with an easy-to-use and cost effective means of generating a cytokine profile for each sample.

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
IL-8	Sandwich	2,000 – 2.74 (pg/mL)	1,400 (pg/mL)	3.6 (pg/mL)	1.37 (pg/mL)	12%	7%	100%
IP-10	Sandwich	2,984 – 4.09 (pg/mL)	700 (pg/mL)	5.3 (pg/mL)	2.05 (pg/mL)	6%	4%	100%
MCP-1	Sandwich	2,000 – 2.74 (pg/mL)	467 (pg/mL)	3.6 (pg/mL)	1.37 (pg/mL)	9%	4%	99%
RANTES	Sandwich	6,703 – 9.19 (pg/mL)	4,692 (pg/mL)	12.0 (pg/mL)	4.60 (pg/mL)	7%	6%	102%

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



Quansys Biosciences

365 North 600 West
Logan, UT 84321
www.quansysbio.com

Fax: 435-750-6869
Phone: 435-752-0531
Toll Free: 888-QUANSYS (782-6797)



Quansys is an ISO 9001:2015 and ISO 13485:2016 registered company and complies with GMP. Products are designed, developed, and manufactured according to the procedures outlined in our Quality Management System.

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