

CYTOKINE RELEASE SYNDROME ARRAY

(16-PLEX)



Supplied by:

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The Q-Plex™ Human Cytokine Release Syndrome Array is a fully quantitative chemiluminescent assay enabling concurrent measurement of specific biomarkers produced as a result of immunotherapy treatments or infection.

QUANSYS 
BIOSCIENCES

Cytokine Release Syndrome (CRS) is acute systemic inflammation associated with treatments from therapeutic antibodies, CAR-T cell therapy, and even haploidentical marrow transplantations. During CRS, a large number of cytokines are rapidly released into the bloodstream from immune cells affected by the immunotherapy. Symptoms may range from headache and fever to organ damage or even death. The Q-Plex™ Human Cytokine Release Syndrome (16-plex) kit is a quantitative ELISA-based chemiluminescent assay designed for the concurrent measurement of 16 distinct analytes in the same well from only 25 uL of sample. In under five hours, up to 80 samples can be tested on the same microplate.

The Human Cytokine Release Syndrome (16-plex) array 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 16 distinct capture antibodies in a defined array to the bottom of each well. Our high-quality reagents help ensure the accuracy of your results.

Each kit is manufactured in our ISO13485 registered facility and contains a 96-well plate and all other reagents necessary to perform the assay. The individual wells of the plate are precisely and reproducibly arrayed with each of the 16 biomarkers for accurate results.



Representative data demonstrating typical sample results and reproducibility (samples are run in duplicates in each row)

CYTOKINE RELEASE SYNDROME KIT

Catalog #	Product Name
119733HU	Q-Plex™ Human Cytokine Release Syndrome Array (16-plex)

PRODUCT RANGE

	Units	Calibrator Range
GM-CSF	pg/mL	6,000 - 10.70
IFN γ	pg/mL	99 - 0.18
IFN α	pg/mL	400 - 0.72
IL-1 β	pg/mL	4,075 - 7.27
IL-1Ra	pg/mL	7,000 - 12.48
IL-2	pg/mL	64 - 0.11
IL-2Ra	pg/mL	16,000 - 28.5
IL-6	pg/mL	333 - 0.59
IL-6R	pg/mL	1,250 - 2.23
IL-8	pg/mL	2,000 - 3.6
IL-10	pg/mL	2680 - 4.78
IL-12p70	pg/mL	3,000 - 5.35
IL-13	pg/mL	333 - 0.59
MCP-1	pg/mL	2,000 - 3.60
MIP-1 α	pg/mL	2,000 - 3.57
TNF α	pg/mL	661 - 1.18



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

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