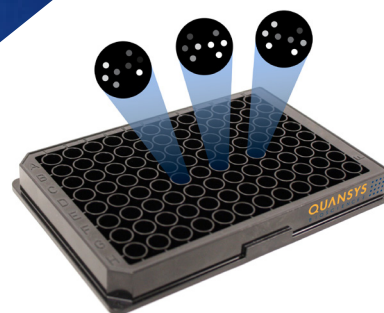
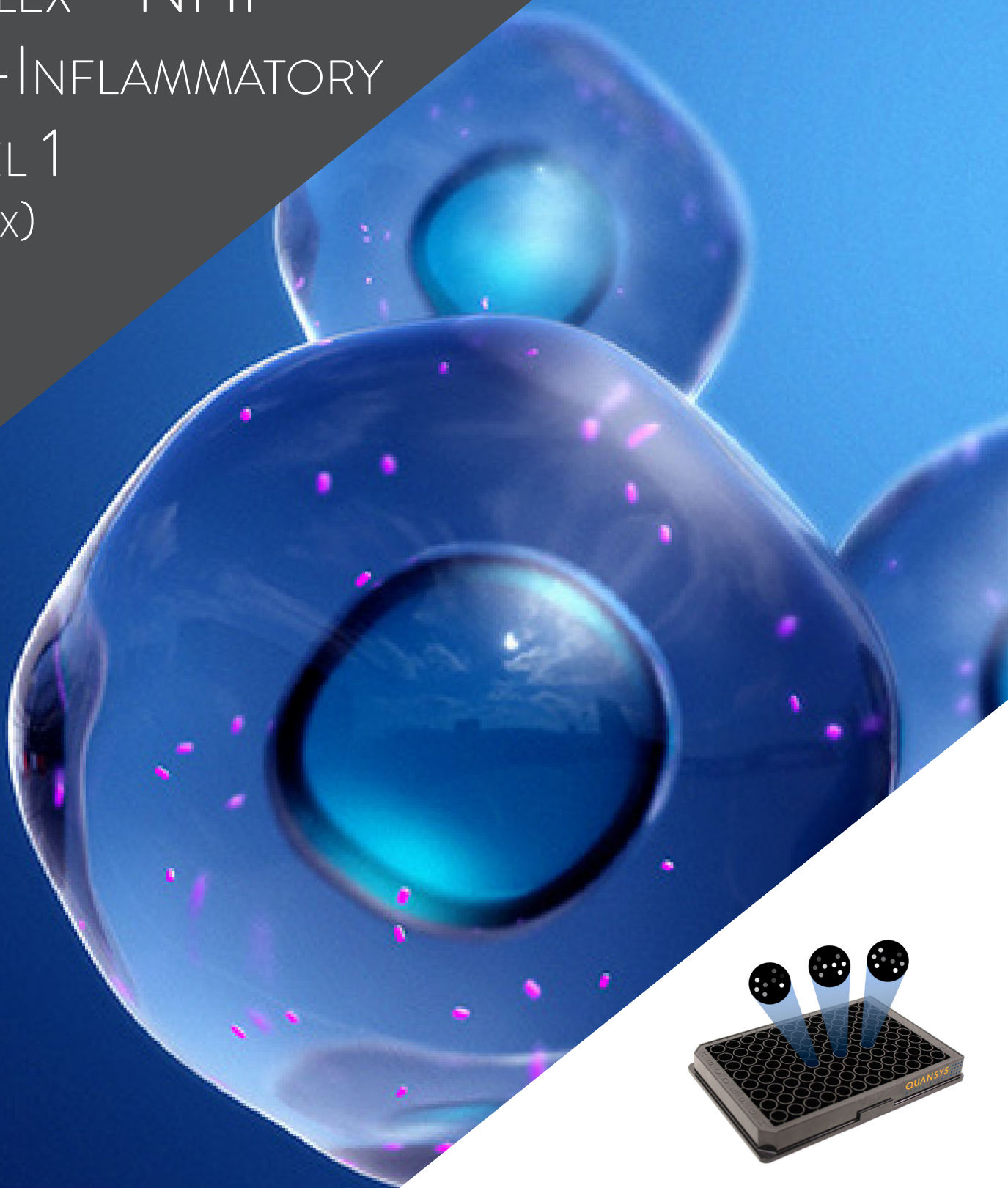


# Q-PLEX™ NHP

## ANTI-INFLAMMATORY

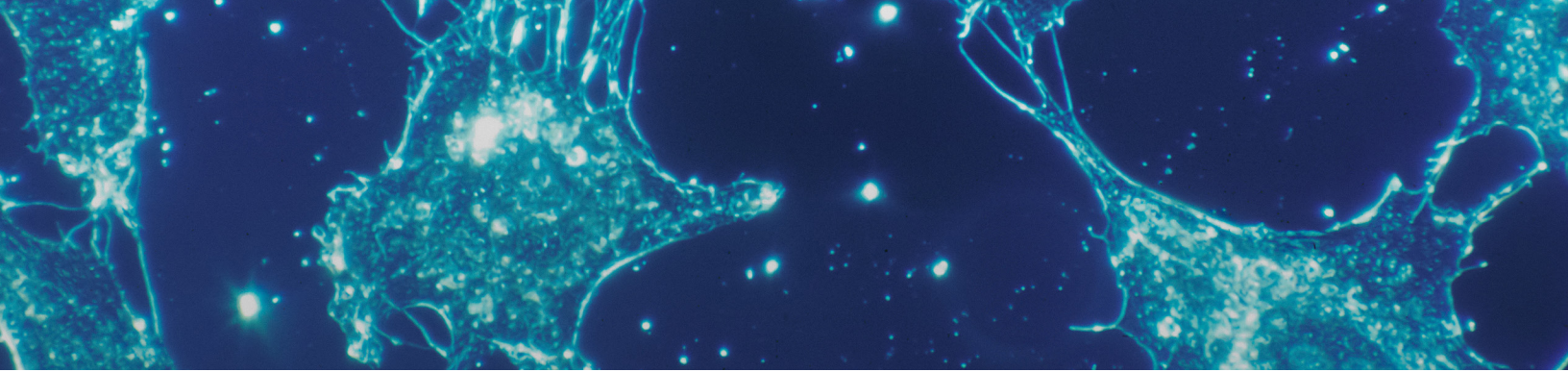
### PANEL 1

(7-PLEX)



The new Q-Plex NHP Anti-Inflammatory Panel 1 (7-Plex) provides reliable and sensitive data to accelerate your research.

**QUANSYS**   
BIOSCIENCES



# Background

Inflammation is often a sign of the immune system protecting the host from infection or injury. Careful control of inflammatory pathways is crucial to the immune system not causing harm to the body. The new Q-Plex NHP Anti-Inflammatory Panel 1 (7-Plex) provides reliable and sensitive data to accelerate your research.

Q-Plex™ plates are built by adsorbing seven distinct capture antibodies in a defined array to the bottom of each well. Using only 25 µL of sample per well, up to 80 samples can be assayed for all seven markers in the panel within 4 hours.

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 #	359233MB

# 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-1RA	Sandwich	7,000 - 9.60 (pg/mL)	4,900 (pg/mL)	12.48 (pg/mL)	4.80 (pg/mL)	4.6%	4.7%	103%
IL-2Ra	Sandwich	16,000 - 21.95 (pg/mL)	11,200 (pg/mL)	28.53 (pg/mL)	10.97 (pg/mL)	7.1%	6.4%	110%
IL-4	Sandwich	60 - 0.082 (pg/mL)	42 (pg/mL)	0.11 (pg/mL)	0.041 (pg/mL)	5.7%	4.4%	109%
IL-6R	Sandwich	1,250 - 1.71 (pg/mL)	875 (pg/mL)	2.23 (pg/mL)	0.86 (pg/mL)	8.1%	5.5%	109%
IL-10	Sandwich	2,680 - 3.68 (pg/mL)	1,867 (pg/mL)	4.78 (pg/mL)	1.84 (pg/mL)	9.5%	4.0%	101%
IL-13	Sandwich	333 - 0.46 (pg/mL)	233.1 (pg/mL)	0.59 (pg/mL)	0.23 (pg/mL)	6.3%	4.9%	98%
TNFR1I	Sandwich	2,000 - 2.74 (pg/mL)	1,400 (pg/mL)	3.57 (pg/mL)	1.37 (pg/mL)	5.9%	2.8%	115%

\* 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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