QUANTITATIVE PROTEOMICS:
Detect up to 1200 proteins in a single experiment

QUANTIFY UP TO 40 PROTEINS
per array with 50 µl or less

4-HOUR PROCESSING TIME

MORE COST-EFFECTIVE THAN ELISA

NO INTERFERENCE
between capture antibodies
(unlike bead-based assays)

CUSTOMIZABLE
Create a custom array from
our antibody pair library

ADAPTABLE
high-throughput
automated processing

LESS IS MORE.
Get more data with less sample.

Cytokines / Growth Factors / Receptors / Proteases / Hormones / Adipokines / Stem Cell Factors
Like a traditional sandwich-based ELISA, Quantibody uses a matched pair of antibodies for target protein detection. Each 75mm x 25mm glass slide is spotted with 16 identical antibody arrays (also called “subarrays”). Within each subarray, the capture antibodies along with controls are spotted in quadruplicate. After a blocking step, samples are incubated with the arrays. Nonspecific proteins are then washed off, and the arrays are incubated with a cocktail of biotinylated detection antibodies, followed by a streptavidin-conjugated fluor. Signals are then visualized using a fluorescence laser scanner.
pre-made kits

Array panels available for a variety of species: mouse, rat, pig, rhesus monkey, cow, rabbit, dog, cat, sheep, horse, and more.

Human Cytokine Arrays
Adiponectin, BDNF, BLC, β-NGF, Eotaxin-1, Eotaxin-2, E-Selectin, GDNF, GM-CSF, GRO, IL-1α, IL-1β, IL-2, IL-4, IL-5, IL-6, IL-7, IL-8, IL-10, IL-12 p70, IL-13, IL-17, IFNγ, ICAM-1, IFGBP-1, IFGBP-2, L-Selectin, M-CSF, MIP-1α, MIP-1β, MMP-9, MIP-3α, MIP-3β, PECAM-1, RANTES, TNFa, VEGF-A, VEGF-C

Human Chemokine Arrays
6Ckine, Axl, BTC, CCL28, CTACK, CXCL16, ENA-78, Eotaxin-3, GCP-2, GRO, HCC-1, HCC-2, IL-9, IL-17F, IL-18 BPa, IL-28A, IL-29, IL-31, IP-10, I-FAC, IL-16, Lymphotactin, MCP-2, MCP-3, MCP-4, MDC, MIF, MIP-3α, MIP-3β, MPIF-1, MSFa, NAP-2, Osteopontin, PARC, PF4, SDF-1α, TARC, TECK, TSLP

Human Growth Factor Array 1

Human IGF Signaling Array

Human Inflammation Arrays
BLC, Eotaxin-4, Eotaxin-2, G-CSF, GM-CSF, I-309, ICAM-1, IFNγ, IL-1α, IL-1β, IL-1 RA, IL-10, IL-11, IL-12 p40, IL-12 p70, IL-13, IL-15, IL-16, IL-17, IL-2, IL-4, IL-5, IL-6, IL-6 R, IL-7, IL-8, MCF-1, M-CSF, MIG, MIP-1α, MIP-1β, MIP-18, OSM, PDGF-BB, RANTES, SAA, STNFR1, STNFR1I, TIMP-1, TIMP-2, TNFa

Human Chemokine Arrays 2
6Ckine, Axl, BTC, CCL28, CTACK, CXCL16, ENA-78, Eotaxin-3, GCP-2, GRO, HCC-1, HCC-2, IL-9, IL-17F, IL-18 BPa, IL-28A, IL-29, IL-31, IP-10, I-FAC, IL-16, Lymphotactin, MCP-2, MCP-3, MCP-4, MDC, MIF, MIP-3α, MIP-3β, MPIF-1, MSFa, NAP-2, Osteopontin, PARC, PF4, SDF-1α, TARC, TECK, TSLP

Human Growth Factor Array 2

Disease-Based Arrays

Human Obesity Arrays
Adiponectin, Adipsin, AgRP, ANGPTL4, BDNF, Chemerin, CRP, GH, IFNγ, IGF-BP-1, IGF-BP-2, IGF-1, IL-10, IL-12 p40, IL-12 p70, IL-18, IL-8, Insulin, Leptin, Osteoprotegerin, PAI-1, PDGF-BB, Pepsinogen 1, Pepsinogen 2, Procalcitonin, Prolactin, RANTES, RBP4, Resistin, SAA, TGFβ1, TSP-1, TNF RI, TNF RI, TNFa, VEGF

Human Gastric Cancer Biomarker Array
CA19-9, CA72-4, CEA, Pepsinogen 1, Pepsinogen 2

Human Dry Eye Disease Array
EGF, EGF R, Eotaxin, G-CSF, GRO, HB-EGF, ICAM-1, IFNγ, IL-1α, IL-1β, IL-1 RA, IL-2, IL-4, IL-5, IL-6, IL-6 R, IL-7, IL-8, IL-10, IL-11, IL-12 p40, IL-12 p70, IL-13, IL-15, IL-16, IL-17, IP-10, Lipocalin-2, MCP-1, MIG, MIP-1α, MIP-1β, MIP-18, OSM, PDGF-BB, RANTES, SAA, STNFR1, STNFR1I, TIMP-1, TIMP-2, TNFa, VEGF

Human Response Array
CD14, CD40, CD163, CRP, E-Selectin, Fas, Fasl, G-CSF, ICAM-1, IL-1α, IL-1β, IL-1 RA, IL-2, IL-2RA, IL-4, IL-6, IL-8, IL-10, IL-12 p70, IL-13, IL-18, Lipocalin-2, MCP-1, MCP-2, MIF, MIP-1α, MIP-1β, OPN, PAI-1, PF4, PCT, RAGE, Resistin, TNFa, TREM-1, Troponin 1, uPAR, VCAM-1, VEGF

Custom Arrays
Don’t see a pre-made kit you need? Ask us to customize it for you! Choose from our library of 641 Human, 144 Mouse, or 67 Rat antibody pairs to create an array panel specific to your research.

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Mouse / 144 Targets
Rat / 67 Targets

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services

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- 440 Human Proteins
- 200 Human Proteins
- 200 Mouse Proteins
- 67 Rat Proteins

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