

Human Obesity Antibody Array (40 Targets) - Quantitative ab197417

3 Images

Overview

| | |
|---------------------------|---|
| Product name | Human Obesity Antibody Array (40 Targets) - Quantitative |
| Sample type | Serum, Plasma, Other biological fluids, Cell Lysate, Cell culture media, Tissue Lysate |
| Assay type | Quantitative |
| Assay time | 6h 00m |
| Species reactivity | Reacts with: Human |
| Product overview | <p>ab197417 can be used for quantitative measurement of 40 Human cytokines. Suitable for serum, plasma, cell culture media, other body fluids, cell and tissue lysates.</p> <p>Targets names: Adiponectin, Adipsin, AgRP, ANGPTL4, BDNF, Chemerin, CRP, GH, IFNγ, IGFBP-1, IGFBP-2, IGF-I, IL-10, IL-12p40, IL-12p70, IL-1β, IL-1ra, IL-6, IL-8, Insulin, Leptin, Lipocalin-2, MSPα, OPG, PAI-1, PDGF-BB, Pepsinogen 1, Pepsinogen 2, Procalcitonin, Prolactin, RANTES, RBP4, Resistin, SAA, TGFβ1, TSP-1, TNF RI, TNF RII, TNFα and VEGF.</p> <p><u>Learn more about quantitative antibody arrays</u></p> |

Notes Quantitative antibody arrays can be used to quantitate up to 40 cytokines with as little as 50 μ L of sample. Arrays are available for 400 human and 200 mouse proteins.

Each glass slide is spotted with 16 identical antibody arrays and is provided with a 16 well gasket to allow separate samples to be applied to each array. Each antibody is spotted in quadruplicate in each array. For reproducible quantitation, eight of the arrays are used with a cocktail of protein standards to produce a standard curve. The same 8 standard curve arrays can be used across multiple slides, allowing measurement of 22 experimental samples with 2 slides, 36 with 3 slides etc.

For high through-put, 4 slides can be nested into a tray matching a standard microplate, allowing automated processing with a liquid handling workstation.

Array processing can be completed within one working day (see workflow diagram below) and arrays can be analyzed with a wide number of laser glass slide array / gene microarray scanners. If you don't have a suitable scanner then we recommend our membrane antibody arrays, which can be analyzed with any WB chemiluminescent reader.

The standard is affinity purified.

[Learn more about quantitative antibody arrays](#)

[Learn more about membrane antibody arrays](#)

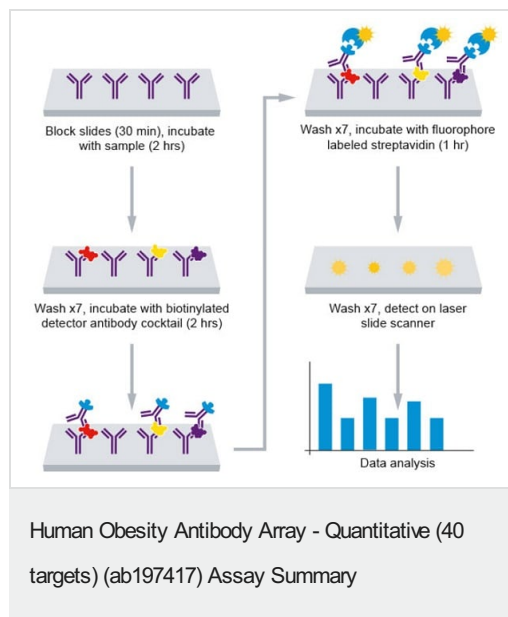
Properties

Storage instructions

Store at -20°C. Please refer to protocols.

| Components | 8 tests | 22 units | 50 tests |
|--|----------|----------|----------|
| 20X Wash Buffer I | 2 x 30ml | 3 x 30ml | 6 x 30ml |
| 20X Wash Buffer II | 1 x 30ml | 1 x 30ml | 2 x 30ml |
| Cy3 equivalent dye-conjugated Streptavidin | 1 x 5µl | 2 x 5µl | 4 x 5µl |
| Human Obesity Array (40 T) Biotinylated Antibody Cocktail | 1 unit | 2 units | 4 units |
| Human Obesity Array (40 T) Glass Slide | 1 slide | 2 slides | 4 slides |
| Human Obesity Array (40 T) Lyophilized Cytokine Standard Mix | 1 vial | 2 vials | 4 vials |
| Sample Diluent | 1 x 15ml | 1 x 15ml | 2 x 15ml |
| Slide Washer/Dryer (30 mL Centrifuge Tube) | 1 unit | 1 unit | 2 units |

Images

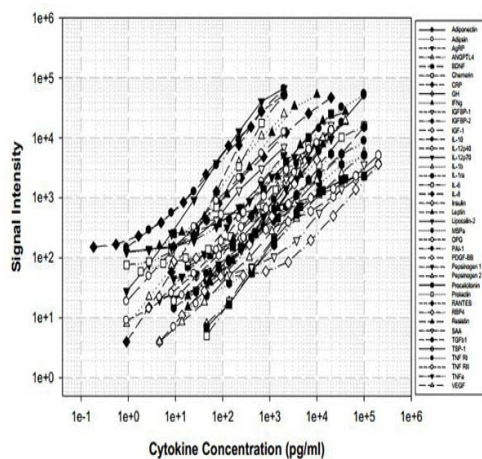


Assay Summary for Human Obesity Antibody Array - Quantitative (40 targets) (ab197417).

| | | |
|---------------|--------------|--------------|
| POS1 | POS2 | Adiponectin |
| Adipsin | AgRP | ANGPTL4 |
| BDNF | Chemerin | CRP |
| GH | IFN γ | IGFBP-1 |
| IGFBP-2 | IGF-I | IL-10 |
| IL-12 p40 | IL-12 p70 | IL-1 β |
| IL-1ra | IL-6 | IL-8 |
| Insulin | Leptin | Lipocalin-2 |
| MSP α | OPG | PAI-I |
| PDGF-BB | Pepsinogen 1 | Pepsinogen 2 |
| Procalcitonin | Prolactin | RANTES |
| RBP4 | Resistin | SAA |
| TGF β 1 | TSP-1 | TNF RI |
| TNF RII | TNF α | VEGF |

Array Map for Human Obesity Antibody Array - Quantitative (40 targets) (ab197417).

Human Obesity Antibody Array - Quantitative (40 targets) (ab197417) Array Map



Standard Curve obtained with Abcam Human Obesity Antibody Array - Quantitative (40 targets) (ab197417).

Human Obesity Antibody Array - Quantitative (40 targets) (ab197417) Standard Curve

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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