Human Obesity Array (62 targets) (SARB0015)

Catalog Number: AKAA061

Size: 2, 4, or 8

Price: Online Inquiry

Product Information

Product Name	Human Obesity Array (62 targets) (SARB0015)
Applications	Multiplexed Protein Detection; Detection of Relative Protein Expression; Detecting Patterns of Cytokine Expression; Biomarker/ Key Factor Screening; Identifying Key Factors; Confirming a Biological Process
Analytes	4-1BB (TNFRSF9/CD137) ACE-2 Adiponectin (ACRP30) Adipsin (Complement Factor D) AgRP Angiopoietin-1 Angiopoietin-2 ANGPTL4 CRP (C-Reactive Protein) ENA-78 (CXCL5) Fas (TNFRSF6/Apo-1) FGF-6 Growth Hormone HCC-4 (CCL16) IFN-gamma IGFBP-1 IGFBP-2 IGFBP-3 IGF-1 IGF-1 R IL-1 R4 (ST2) IL-1 R1 IL-10 IL-11 IL-12 p70 IL-1 alpha (IL-1 F1) IL-1 beta (IL-1 F2) IL-6 IL-6 R IL-8 (CXCL8) Insulin IP-10 (CXCL10) Leptin R Leptin LIF Lymphotactin (XCL1) MCP-1 (CCL2) MCP-3 (MARC/CCL7) M-CSF MIF MIP-1 beta (CCL4) MSP alpha/beta Osteoprotegerin (TNFRSF11B) Oncostatin M
ASSAY SIZE	2 Arrays/4 Arrays/8 Arrays/
Species	Human
Number of Targets Detected	62
Gene Symbols	ACE2, ADIPOQ, AGRP, ANGPT1, ANGPT2, ANGPTL4, CCL16, CCL18, CCL2, CCL25|CCL4, CCL5, CCL7, CFD, CRP, CSF1, CXCL10, CXCL12, CXCL5, CXCL8, EDA2R, FAS, FGF6, GH1, IFNG, IGF1, IGF1R, IGFBP1, IGFBP2, IGFBP3, IL10, IL11, IL12A, IL1A, IL1B, IL1R1, IL1RL1, IL6, IL6R, INS, LEP, LEPR, LIF, MIF, MST1, OSM, PDGFA, PDGFB, RETN, SAA1, SERPINE1, TGFB1, TIMP1, TIMP2, TNF, TNFRSF11B, TNFRSF1A, TNFRSF1B, TNFRSF9, TNFSF9, VEGFA, XCL1
Compatible Sample Types	Cell Culture Supernatants, Cell Lysates, Plasma, Serum, Tissue Lysates
Design Principle	Sandwich-based
Method of Detection	Chemiluminescence
Quantitative/Semi-Quantitative	Semi-Quantitative
Storage	For best results, store the entire kit frozen at -20°C upon arrival. Stored frozen, the kit will be stable for at least 6 months which is the duration of the product warranty period. Once thawed, store array membranes and 1X Blocking Buffer at -20°C and all other reagents undiluted at 4°C for no more than 3 months.

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