Human Melanocortine Receptor-1 (MCR1) ELISA Kit | MCR1 elisa kit

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CATALOG #	REACTIVITY
AAA44016	**Human**

PRODUCT SYNONYMS

Melanocortine Receptor-1 (MCR1); Human Melanocortine Receptor-1 (MCR1) ELISA Kit; MCR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	302
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.053ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MCR1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Melanocortine Receptor 1 (also known as MCR1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human MCR1 antibody. MCR1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human MCR1 Antibody is added and binds to MCR1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MCR1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human MCR1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	486258
UniProt Accession #	P36060; A2TBM9; D6VX47

Molecular Weight	34,138 Da
NCBI Official Full Name	MCR1
UniProt Protein Name	NADH-cytochrome b5 reductase 2
UniProt Gene Name	**MCR1**

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/human-elisa-kits/melanocortine-receptor-1-mcr1/44016