

Human agouti related protein homolog (mouse) ELISA Kit | AGRP elisa kit

Human Agouti Related Protein, AGRP ELISA Kit

CATALOG #
AAA79782

REACTIVITY
Human

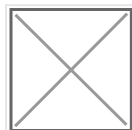
PRODUCT SYNONYMS

agouti related protein homolog (mouse); Human Agouti Related Protein; AGRP ELISA Kit; AGRT; ART; ASIP2; MGC118963; agouti related protein; AGRP; AGRP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human AGRP. No significant cross-reactivity or interference between human AGRP and analogues was observed.
Sequence Length	132
Samples	Serum, plasma, cell culture supernates, urine.
Assay Type	Sandwich (Quantitative)
Detection Range	31.25 pg/ml-2000 pg/ml.
Sensitivity	0.002 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AGRP elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for AGRP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any AGRP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for AGRP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of AGRP bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501995
NCBI GeneID	181
NCBI Accession #	NP_001129.1
NCBI GenBank Nucleotide #	NM_001138.1
UniProt Accession #	O00253; O15459; Q2TBD9
Molecular Weight	14,440 Da
NCBI Official Full Name	agouti-related protein
NCBI Official Synonym Full Names	agouti related neuropeptide
NCBI Official Symbol	AGRP
NCBI Official Synonym Symbols	ART; AGRT; ASIP2
NCBI Protein Information	agouti-related protein; agouti related protein homolog
UniProt Protein Name	Agouti-related protein
UniProt Gene Name	AGRP
UniProt Synonym Gene Names	AGRT; ART
UniProt Entry Name	AGRP_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/agrp-human-elisa-kits/agouti-related-protein-homolog-mouse/79782>