

Monkey Agouti Related Protein ELISA Kit | AGRP elisa kit

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CATALOG #
AAA91740

REACTIVITY
Monkey

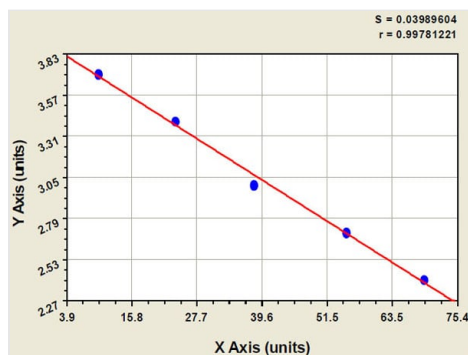
PRODUCT SYNONYMS

Agouti Related Protein; Monkey Agouti Related Protein ELISA Kit; AGRP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This AGRP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey AGRP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for AGRP elisa kit

Principle of the assay: AGRP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-AGRP antibody and an AGRP-HRP conjugate. The assay sample and buffer are incubated together with AGRP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the AGRP concentration since AGRP from samples and AGRP-HRP conjugate compete for the anti-AGRP antibody binding site. Since the number of sites is limited, as more sites are occupied by AGRP from the sample, fewer sites are left to bind AGRP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AGRP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501995
NCBI GeneID	181
NCBI Accession #	NP_001129.1
NCBI GenBank Nucleotide #	NM_001138.1
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.

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Online datasheet: <https://stage.aaabiotech.com/agrp-monkey-elisa-kits/agouti-related-protein/91740>