

Rat Insulin like Growth Factor 2, Antisense ELISA Kit | IGF2AS elisa kit

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CATALOG #
AAA95384

REACTIVITY
Rat

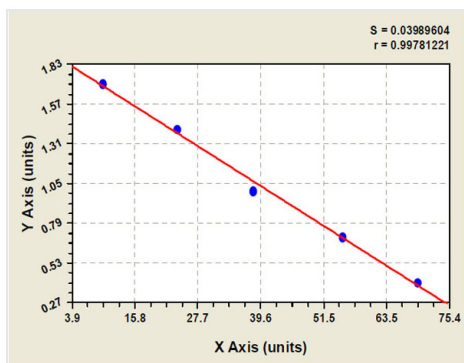
PRODUCT SYNONYMS

Insulin like Growth Factor 2; Antisense; Rat Insulin like Growth Factor 2; Antisense ELISA Kit; IGF2AS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGF2AS elisa kit

Intended Uses: This IGF2AS ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat IGF2AS. This ELISA kit for research use only!

Principle of the Assay: IGF2AS ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IGF2AS antibody and an IGF2AS-HRP conjugate. The assay sample and buffer are incubated together with IGF2AS-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 IGF2AS concentration since IGF2AS from samples and IGF2AS-HRP conjugate compete for the anti-IGF2AS antibody binding site. Since the number of sites is limited, as more sites are occupied by IGF2AS from the sample, fewer sites are left to bind IGF2AS-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IGF2AS concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IGF2AS elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	223460516
NCBI GeneID	51214
Molecular Weight	18,035 Da
NCBI Official Full Name	IGF2AS protein
NCBI Official Synonym Full Names	IGF2 antisense RNA
NCBI Official Symbol	IGF2-AS
NCBI Official Synonym Symbols	PEG8; IGF2AS; IGF2-AS1
UniProt Protein Name	Putative insulin-like growth factor 2 antisense gene protein
UniProt Gene Name	IGF2-AS
UniProt Synonym Gene Names	IGF2-AS1; IGF2AS; IGF2-AS1
UniProt Entry Name	IG2AS_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://www.aaabiotech.com/igf2as-rat-elisa-kits/insulin-like-growth-factor-2-antisense/95384>