

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

Human Insulin like Growth Factor 2, Antisense ELISA Kit

CATALOG #
AAA85038

REACTIVITY
Human

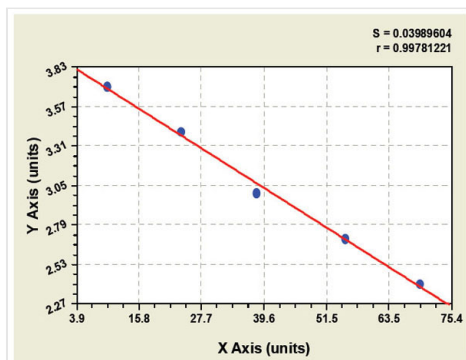
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/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	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This IGF2AS ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/igf2as-human-elisa-kits/insulin-like-growth-factor-2-antisense/85038>