

Pig insulin-like growth factors 2 ELISA Kit | IGF-2 elisa kit

Pig insulin-like growth factors 2 (IGF-2) ELISA Kit

CATALOG #
AAA55609

REACTIVITY
Pig

PRODUCT SYNONYMS

insulin-like growth factors 2; Pig insulin-like growth factors 2 (IGF-2) ELISA Kit; IGF-2 elisa kit

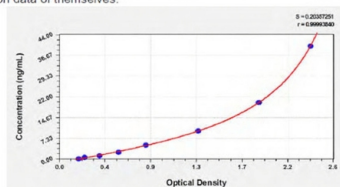
PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig IGF2. No significant cross-reactivity or interference between Pig IGF2 and analogues was observed.
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. $CV (\%) = SD/mean \times 100$ Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

IMAGES

[TYPICAL DATA]

For convenience in result calculation, absorbance as abscissa and standard concentrations can be used as ordinate. The standard curve provided in the manual is only for reference, experimenters should draw the standard curve based on data of themselves.



Precautions: This kit contains trace amount of proclin® 300 which is toxic and direct touch of reagents by mouth, eyes, and skin should be avoided. If get touched or get into the mouth, please rinse with plenty of water. The Stop Buffer is a corrosive sulfuric acid solution, please take care for safety.

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGF-2 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate IGF2 in samples. An antibody specific for IGF2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyIGF2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IGF2 is added to the wells. After washing, Streptavidin 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 IGF2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	47523092
NCBI GeneID	396916
NCBI Accession #	NP_999048.1
NCBI GenBank Nucleotide #	NM_213883.2
UniProt Accession #	P23695
Molecular Weight	20,313 Da
NCBI Official Full Name	insulin-like growth factor II preproprotein
NCBI Official Symbol	IGF2
NCBI Official Synonym Symbols	IGF-II
NCBI Protein Information	insulin-like growth factor II
UniProt Protein Name	Insulin-like growth factor II
UniProt Gene Name	IGF2
UniProt Synonym Gene Names	IGF-II

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/igf-2-pig-elisa-kits/insulin-like-growth-factors-2/55609>