

Human growth factor, augmenter of liver regeneration ELISA Kit | GFER elisa kit

Human FAD-linked sulfhydryl oxidase ALR, GFER ELISA Kit

CATALOG #
AAA112285

REACTIVITY
Human

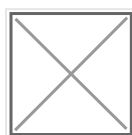
PRODUCT SYNONYMS

growth factor; augmenter of liver regeneration; Human FAD-linked sulfhydryl oxidase ALR; GFER ELISA Kit; Human FAD-linked sulfhydryl oxidase ALR (GFER) ELISA kit; ALR; ERV1; HERV1; HPO; HPO1; HPO2; HSS; ERV1 homolog; erv1-like growth factor; hepatic regenerative stimulation substance; hepatopoietin protein; truncated augmenter of liver regeneration; GFER elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human GFER. No significant cross-reactivity or interference between human GFER and analogues was observed.
Sequence Length	205
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	18.75 pg/ml -1200 pg/ml.
Sensitivity	The minimum detectable dose of human GFER is typically less than 4.68 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 GFER elisa kit

Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GFER has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GFER present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GFER 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 GFER bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	54112432
NCBI GeneID	2671
NCBI Accession #	NP_005253.3
NCBI GenBank Nucleotide #	NM_005262.2
UniProt Accession #	P55789; Q53YM6; Q8TAH6; Q9H290; Q9UK40
Molecular Weight	23,449 Da
NCBI Official Full Name	FAD-linked sulfhydryl oxidase ALR
NCBI Official Synonym Full Names	growth factor, augments liver regeneration
NCBI Official Symbol	GFER
NCBI Official Synonym Symbols	ALR; HPO; HSS; ERV1; HPO1; HPO2; HERV1
NCBI Protein Information	FAD-linked sulfhydryl oxidase ALR; ERV1 homolog; hepatopoietin protein; erv1-like growth factor; hepatic regenerative stimulation substance
UniProt Protein Name	FAD-linked sulfhydryl oxidase ALR
UniProt Gene Name	GFER
UniProt Synonym Gene Names	ALR; HERV1; HPO; hERV1
UniProt Entry Name	ALR_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/gfer-human-elisa-kits/growth-factor-augmenter-of-liver-regeneration/112285>