

Human ATG13 (Autophagy-related protein 13) ELISA Kit | ATG13 elisa kit

Human ATG13 (Autophagy-related protein 13) ELISA Kit

CATALOG #
AAA250260

REACTIVITY
Human

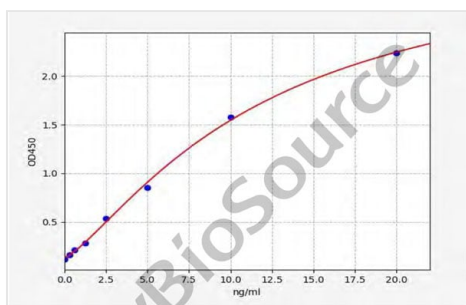
PRODUCT SYNONYMS

ATG13 (Autophagy-related protein 13); Human ATG13 (Autophagy-related protein 13) ELISA Kit; Autophagy-related protein 13; ATG13; KIAA0652; ATG13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ATG13. No significant cross-reactivity or interference between ATG13 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATG13 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20140441
NCBI GeneID	9776
UniProt Accession #	O75143; Q53EN6; Q9BRL3; Q9H8B0; B4DFI4; D3DQQ1; D3DQQ2; E9PQZ8
Molecular Weight	517
NCBI Official Full Name	Autophagy-related protein 13
NCBI Official Synonym Full Names	autophagy related 13
NCBI Official Symbol	ATG13
NCBI Official Synonym Symbols	KIAA0652; PARATARG8
NCBI Protein Information	autophagy-related protein 13; ATG13 autophagy related 13 homolog
UniProt Protein Name	Autophagy-related protein 13
UniProt Gene Name	ATG13
UniProt Synonym Gene Names	KIAA0652
UniProt Entry Name	ATG13_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://stage.aaabiotech.com/human-elisa-kits/atg13-autophagy-related-protein-13/250260>