

Human GAR1 (H/ACA ribonucleoprotein complex subunit 1) ELISA Kit | GAR1 elisa kit

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CATALOG #
AAA250450

REACTIVITY
Human

PRODUCT SYNONYMS

GAR1 (H/ACA ribonucleoprotein complex subunit 1); Human GAR1 (H/ACA ribonucleoprotein complex subunit 1) ELISA Kit; H/ACA ribonucleoprotein complex subunit 1; Nucleolar protein family A member 1; snoRNP protein GAR1; NOLA1; GAR1; GAR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GAR1. No significant cross-reactivity or interference between GAR1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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

ADDITIONAL INFORMATION

Related Product Information for GAR1 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15011916
NCBI GeneID	54433
NCBI Accession #	NP_127460.1
NCBI GenBank Nucleotide #	NM_032993.2
UniProt Accession #	Q9NY12; Q5MJQ2
Molecular Weight	22,348 Da
NCBI Official Full Name	H/ACA ribonucleoprotein complex subunit 1

NCBI Official Synonym Full Names	GAR1 ribonucleoprotein homolog (yeast)
NCBI Official Symbol	GAR1
NCBI Official Synonym Symbols	NOLA1
NCBI Protein Information	H/ACA ribonucleoprotein complex subunit 1; OTTHUMP00000219723; OTTHUMP00000219724; OTTHUMP00000219725; snoRNP protein GAR1; nucleolar protein family A member 1; nucleolar protein family A, member 1 (H/ACA small nucleolar RNPs)
UniProt Protein Name	H/ACA ribonucleoprotein complex subunit 1
UniProt Gene Name	GAR1
UniProt Synonym Gene Names	NOLA1
UniProt Entry Name	GAR1_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/human-elisa-kits/gar1-h-aca-ribonucleoprotein-complex-subunit-1/250450>