

Human ABCA1 (ATP-binding cassette transporter A1) CLIA Kit | ABCA1 clia kit

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CATALOG #
AAA171374

REACTIVITY
Human

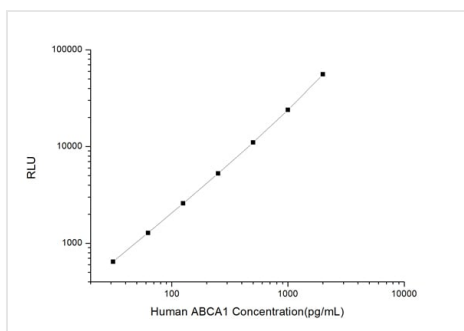
PRODUCT SYNONYMS

ABCA1 (ATP-binding cassette transporter A1); Human ABCA1 (ATP-binding cassette transporter A1) CLIA Kit; ABCA1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant ABCA1. No significant cross-reactivity or interference between ABCA1 and analogues was observed.
Sequence Length	2261
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ABCA1 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of ABCA1 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to ABCA1. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for ABCA1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain ABCA1, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of ABCA1. You can calculate the concentration of ABCA1 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21536376
NCBI GeneID	19
NCBI Accession #	NP_005493.2
NCBI GenBank Nucleotide #	NM_005502.3
Molecular Weight	254,302 Da
NCBI Official Full Name	ATP-binding cassette sub-family A member 1
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family A (ABC1), member 1
NCBI Official Symbol	ABCA1
NCBI Official Synonym Symbols	TGD; ABC1; CERP; ABC-1; HDLDT1
NCBI Protein Information	ATP-binding cassette sub-family A member 1
UniProt Protein Name	ATP-binding cassette sub-family A member 1
UniProt Gene Name	ABCA1
UniProt Synonym Gene Names	ABC1; CERP; ABC-1; ATP-binding cassette 1
UniProt Entry Name	ABCA1_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/human-clia-kits/abca1-atp-binding-cassette-transporter-a1/171374>