

Human ABCG1 (ATP Binding Cassette Transporter G1) CLIA Kit | ABCG1 clia kit

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CATALOG #
AAA170930

REACTIVITY
Human

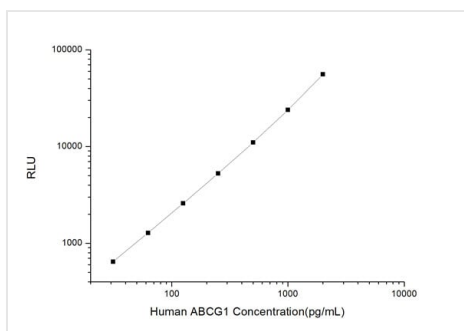
PRODUCT SYNONYMS

ABCG1 (ATP Binding Cassette Transporter G1); Human ABCG1 (ATP Binding Cassette Transporter G1) CLIA Kit; ABCG1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant ABCG1. No significant cross-reactivity or interference between ABCG1 and analogues was observed.
Sequence Length	785
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 ABCG1 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of ABCG1 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 ABCG1. 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 ABCG1 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 ABCG1, 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 ABCG1. You can calculate the concentration of ABCG1 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16304311
NCBI GeneID	9619
Molecular Weight	86,628 Da
NCBI Official Full Name	ATP-binding cassette transporter G1
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family G (WHITE), member 1
NCBI Official Symbol	ABCG1
NCBI Official Synonym Symbols	ABC8; WHITE1
NCBI Protein Information	ATP-binding cassette sub-family G member 1
UniProt Protein Name	ATP-binding cassette sub-family G member 1
UniProt Gene Name	ABCG1
UniProt Synonym Gene Names	ABC8; WHT1
UniProt Entry Name	ABCG1_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/abcg1-atp-binding-cassette-transporter-g1/170930>