

Human ACO1 (Aconitase 1) CLIA Kit | ACO1 clia kit

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CATALOG #
AAA171083

REACTIVITY
Human

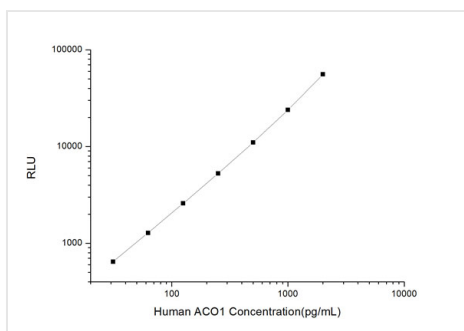
PRODUCT SYNONYMS

ACO1 (Aconitase 1); Human ACO1 (Aconitase 1) CLIA Kit; IREB1; IRP1; IREBP; ACO1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant ACO1. No significant cross-reactivity or interference between ACO1 and analogues was observed.
Sequence Length	900
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 ACO1 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of ACO1 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 ACO1. 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 ACO1 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 ACO1, 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 ACO1. You can calculate the concentration of ACO1 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	508698858
NCBI GeneID	18610706
NCBI Official Full Name	Aconitase 1
NCBI Official Symbol	TCM_000133
NCBI Protein Information	Aconitase 1

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/aco1-aconitase-1/171083>