

Human GAL2 (Galectin 2) CLIA Kit | GAL2 clia kit

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CATALOG #
AAA171052

REACTIVITY
Human

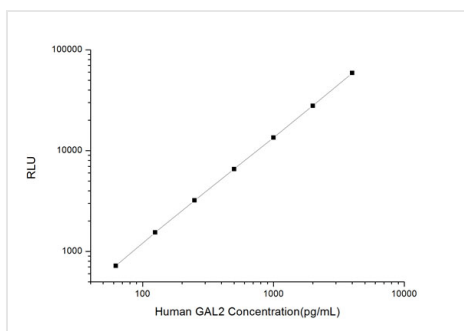
PRODUCT SYNONYMS

GAL2 (Galectin 2); Human GAL2 (Galectin 2) CLIA Kit; GAL2 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant GAL2. No significant cross-reactivity or interference between GAL2 and analogues was observed.
Sequence Length	132
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAL2 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of GAL2 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 GAL2. 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 GAL2 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 GAL2, 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 GAL2. You can calculate the concentration of GAL2 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729903
NCBI GeneID	3957
NCBI Accession #	NP_006489.1
NCBI GenBank Nucleotide #	NM_006498.2
Molecular Weight	14,644 Da
NCBI Official Full Name	galectin-2
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 2
NCBI Official Symbol	LGALS2
NCBI Official Synonym Symbols	HL14
NCBI Protein Information	galectin-2
UniProt Protein Name	Galectin-2
UniProt Gene Name	LGALS2
UniProt Synonym Gene Names	Gal-2
UniProt Entry Name	LEG2_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/gal2-galectin-2/171052>