

Human Radixin (RDX) ELISA Kit | RDX elisa kit

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CATALOG #
AAA245315

REACTIVITY
Human

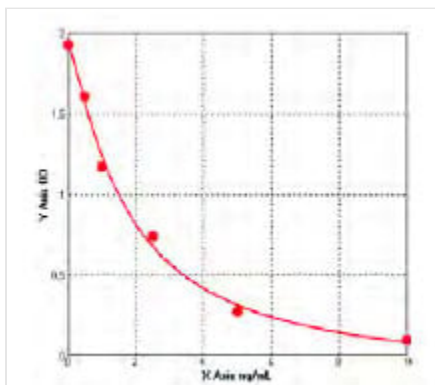
PRODUCT SYNONYMS

Radixin (RDX); Human Radixin (RDX) ELISA Kit; RDX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RDX elisa kit

Intended Uses: This RDX ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human RDX. This ELISA kit for research use only!

Principle of the Assay: RDX ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-RDX antibody and an RDX-HRP conjugate. The assay sample and buffer are incubated together with RDX-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the RDX concentration since RDX from samples and RDX-HRP conjugate compete for the anti-RDX antibody binding site. Since the number of sites is limited, as more sites are occupied by RDX from the sample, fewer sites are left to bind RDX-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RDX concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	386781550
NCBI GeneID	5962
NCBI Accession #	NP_001247421.1
NCBI GenBank Nucleotide #	NM_001260492.1
Molecular Weight	71,049 Da
NCBI Official Full Name	radixin isoform 1
NCBI Official Synonym Full Names	radixin
NCBI Official Symbol	RDX
NCBI Official Synonym Symbols	DFNB24
NCBI Protein Information	radixin
UniProt Protein Name	Radixin
UniProt Gene Name	RDX
UniProt Entry Name	RADI_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-elisa-kits/radixin-rdx/245315>