

Human AT rich interactive domain containing protein 5B (ARID5B) ELISA Kit | ARID5B elisa kit

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CATALOG #
AAA244923

REACTIVITY
Human

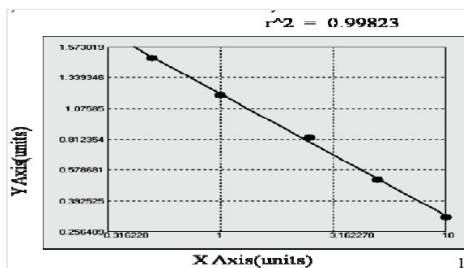
PRODUCT SYNONYMS

AT rich interactive domain containing protein 5B (ARID5B); Human AT rich interactive domain containing protein 5B (ARID5B) ELISA Kit; ARID5B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This ARID5B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ARID5B. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ARID5B elisa kit

Principle of the assay: ARID5B ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ARID5B antibody and an ARID5B-HRP conjugate. The assay sample and buffer are incubated together with ARID5B-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 ARID5B concentration since ARID5B from samples and ARID5B-HRP conjugate compete for the anti-ARID5B antibody binding site. Since the number of sites is limited, as more sites are occupied by ARID5B from the sample, fewer sites are left to bind ARID5B-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ARID5B concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	209572763
NCBI GeneID	84159
Molecular Weight	36,282 Da
NCBI Official Full Name	AT-rich interactive domain-containing protein 5B
NCBI Official Synonym Full Names	AT rich interactive domain 5B (MRF1-like)
NCBI Official Symbol	ARID5B
NCBI Official Synonym Symbols	MRF2; DESRT; MRF-2
NCBI Protein Information	AT-rich interactive domain-containing protein 5B; MRF1-like protein; ARID domain-containing protein 5B; modulator recognition factor 2 (MRF2)
UniProt Protein Name	AT-rich interactive domain-containing protein 5B
UniProt Gene Name	ARID5B
UniProt Synonym Gene Names	DESRT; MRF2; ARID domain-containing protein 5B; MRF-2
UniProt Entry Name	ARI5B_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/at-rich-interactive-domain-containing-protein-5b-arid5b/244923>