

Human Urinary bladder cancer antigen ELISA Kit | UBC elisa kit

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CATALOG #
AAA86391

REACTIVITY
Human

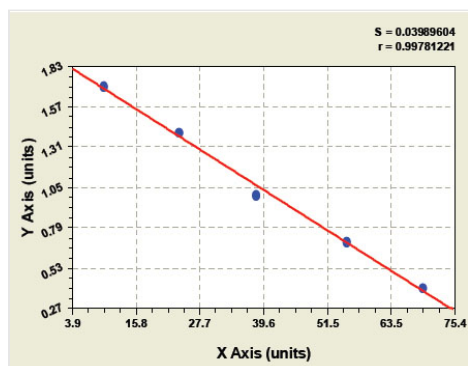
PRODUCT SYNONYMS

Urinary bladder cancer antigen; Human Urinary bladder cancer antigen ELISA Kit; UBC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UBC elisa kit	For Samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate Intended Uses: This UBC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human UBC. This ELISA kit for research use only! Principle of the Assay: UBC ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-UBC antibody and an UBC-HRP conjugate. The assay sample and buffer are incubated together with UBC-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 UBC concentration since UBC from samples and UBC-HRP conjugate compete for the anti-UBC antibody binding site. Since the number of sites is limited, as more sites are occupied by UBC from the sample, fewer sites are left to bind UBC-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The UBC concentration in each sample is interpolated from this standard curve.
Product Categories/Family for UBC elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	38114661
NCBI GeneID	7316
Molecular Weight	77,039 Da
NCBI Official Full Name	UBC protein, partial
NCBI Official Synonym Full Names	ubiquitin C
NCBI Official Symbol	UBC
NCBI Official Synonym Symbols	HMG20
NCBI Protein Information	polyubiquitin-C
UniProt Protein Name	Polyubiquitin-C
UniProt Gene Name	UBC
UniProt Entry Name	UBC_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/ubc-human-elisa-kits/urinary-bladder-cancer-antigen/86391>