

Human Urinary Bladder Cancer Antigen (UBC) ELISA Kit | UBC elisa kit

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CATALOG #
AAA330328

REACTIVITY
Human

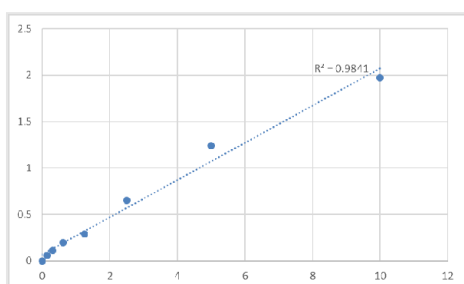
PRODUCT SYNONYMS

Urinary Bladder Cancer Antigen (UBC); Human Urinary Bladder Cancer Antigen (UBC) ELISA Kit; UBC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Urinary bladder cancer antigen (UBC) ELISA Kit has high sensitivity and excellent specificity for detection of Human UBC. No significant cross-reactivity or interference between Human UBC and analogues was observed.
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Urinary bladder cancer antigen (UBC) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for UBC elisa kit	Description: This Human Urinary bladder cancer antigen (UBC) ELISA Kit employs a two-site sandwich ELISA to quantitate UBC in samples. An antibody specific for UBC has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any UBC present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for UBC is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of UBC bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes (E1s), ubiquitin-conjugating enzymes (E2s) and ubiquitin-protein ligases (E3s). Ubiquitin-conjugating enzyme E2 L3 is a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is demonstrated to participate in the ubiquitination of p53, c-Fos, and the NF-kB precursor p105 in vitro. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
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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/urinary-bladder-cancer-antigen-ubc/330328>