

Rabbit Xeroderma Pigmentosum, Complementation Group B ELISA Kit | XPB elisa kit

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CATALOG #
AAA97423

REACTIVITY
Rabbit

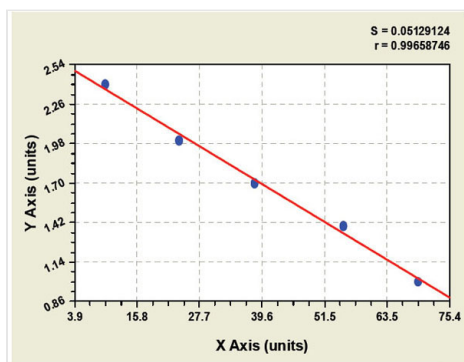
PRODUCT SYNONYMS

Xeroderma Pigmentosum; Complementation Group B; Rabbit Xeroderma Pigmentosum; Complementation Group B ELISA Kit; XPB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
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 XPB elisa kit

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

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

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/xpb-rabbit-elisa-kits/xeroderma-pigmentosum-complementation-group-b/97423>