

Mouse Vitamin A (VA) ELISA Kit | VA elisa kit

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CATALOG #
AAA332049

REACTIVITY
Mouse

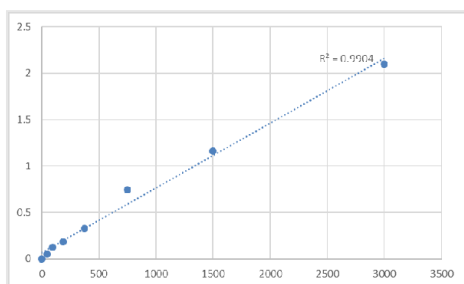
PRODUCT SYNONYMS

Vitamin A (VA); Mouse Vitamin A (VA) ELISA Kit; VA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Vitamin A (VA) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse VA. No significant cross-reactivity or interference between Mouse VA 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. Mouse Vitamin A (VA) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for VA elisa kit	Description: This Mouse Vitamin A (VA) ELISA Kit employs a two-site sandwich ELISA to quantitate VA in samples. An antibody specific for VA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any VA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for VA 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 VA bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Vitamin A is the name of a group of fat-soluble retinoids, including retinol, retinal, and retinyl esters. Vitamin A is involved in immune function, vision, reproduction, and cellular communication. Vitamin A is critical for vision as an essential component of rhodopsin, a protein that absorbs light in the retinal receptors, and because it supports the normal differentiation and functioning of the conjunctival membranes and cornea. Vitamin A also supports cell growth and differentiation, playing a critical role in the normal formation and maintenance of the heart, lungs, kidneys, and other organs.
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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/mouse-elisa-kits/vitamin-a-va/332049>