

Canine Cytokeratin Low Moecular weight ELISA Kit | CK-LMW elisa kit

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CATALOG #
AAA97344

REACTIVITY
Canine

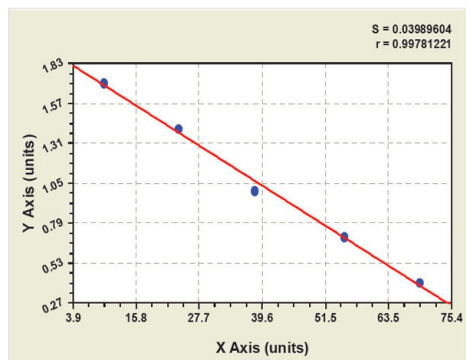
PRODUCT SYNONYMS

Cytokeratin Low Moecular weight; Canine Cytokeratin Low Moecular weight ELISA Kit; CK-LMW elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/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 CK-LMW elisa kit

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

Product Categories/Family for CK-LMW elisa kit

Signal Transduction

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/ck-lmw-canine-elisa-kits/cytokeratin-low-molecular-weight/97344>