

Bovine Myeloid/lymphoid or mixed-lineage leukemia 5 ELISA Kit | MLL5 elisa kit

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CATALOG #
AAA95888

REACTIVITY
Bovine

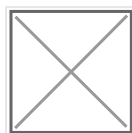
PRODUCT SYNONYMS

Myeloid/lymphoid or mixed-lineage leukemia 5; Bovine Myeloid/lymphoid or mixed-lineage leukemia 5 ELISA Kit; MLL5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This MLL5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine MLL5. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MLL5 elisa kit

Principle of the Assay: MLL5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MLL5 antibody and an MLL5-HRP conjugate. The assay sample and buffer are incubated together with MLL5-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 MLL5 concentration since MLL5 from samples and MLL5-HRP conjugate compete for the anti-MLL5 antibody binding site. Since the number of sites is limited, as more sites are occupied by MLL5 from the sample, fewer sites are left to bind MLL5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MLL5 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for MLL5 elisa kit

[Epigenetics and Nuclear Signaling](#)

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.