

Canine Osteocrin ELISA Kit | Osn elisa kit

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CATALOG #
AAA96559

REACTIVITY
Canine

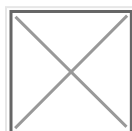
PRODUCT SYNONYMS

Osteocrin; Canine Osteocrin ELISA Kit; Osn elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of OSTN. No significant cross-reactivity or interference between OSTN and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between OSTN and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Intended Uses	This Osn ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine Osn. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Osn elisa kit

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

Intended Uses: This OSTN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine OSTN. This ELISA kit for research use only, not for therapeutic or test applications!

NCBI AND UNIPROT INFORMATION

NCBI GI #	521020661
UniProt Accession #	P61366; A1A4U3
Molecular Weight	14,722 Da
NCBI Official Full Name	Osteocrin
UniProt Protein Name	Osteocrin
UniProt Gene Name	OSTN
UniProt Entry Name	OSTN_HUMAN

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/ostn-canine-elisa-kits/osteocrin/96559>