

Human Osterix ELISA Kit | OSX elisa kit

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CATALOG #
AAA86150

REACTIVITY
Human

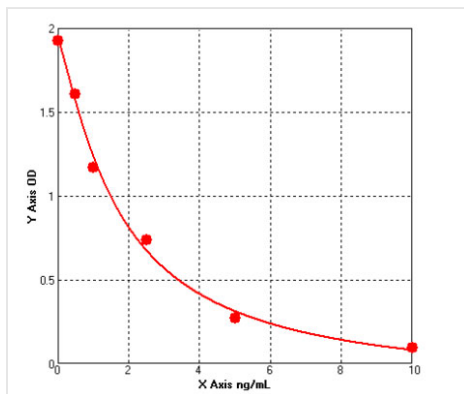
PRODUCT SYNONYMS

Osterix; Human Osterix ELISA Kit; OSX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of OSX. No significant cross-reactivity or interference between OSX and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between OSX 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
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OSX elisa kit	Principle of the Assay: OSX ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-OSX antibody and an OSX-HRP conjugate. The assay sample and buffer are incubated together with OSX-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 OSX concentration since OSX from samples and OSX-HRP conjugate compete for the anti-OSX antibody binding site. Since the number of sites is limited, as more sites are occupied by OSX from the sample, fewer sites are left to bind OSX-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The OSX concentration in each sample is interpolated from this standard curve. Intended Uses: This OSX ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human OSX. This ELISA kit for research use only, not for therapeutic or test applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19071562
Molecular Weight	43,092 Da
NCBI Official Full Name	osterix
UniProt Protein Name	Transcription factor Sp7
UniProt Gene Name	SP7
UniProt Synonym Gene Names	OSX
UniProt Entry Name	SP7_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/osx-human-elisa-kits/osterix/86150>