

Datasheet for ABIN2745478
Periostin ELISA Kit



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Overview

Quantity:	96 tests
Target:	Periostin (POSTN)
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	31-2000 pg/mL
Minimum Detection Limit:	31 pg/mL
Application:	ELISA

Product Details

Sample Type:	Cell Culture Supernatant, Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Detects natural and recombinant mouse periostin. Has been tested on mouse periostin isoform 5 (should also detect mouse isoforms 1, 2 and 3 according to sequences). Mouse isoform 4 has not been tested.
Cross-Reactivity:	Mouse (Murine)
Sensitivity:	10 pg/mL
Characteristics:	Periostin (mouse) ELISA Kit

Target Details

Target: Periostin (POSTN)

Alternative Name: Periostin ([POSTN Products](#))

Background: Periostin was originally isolated as an osteoblast-specific factor that functions as a cell adhesion molecule for pre-osteoblasts and is thought to be involved in osteoblast recruitment, attachment and spreading. Additionally, periostin expression has previously been shown to be significantly increased by both transforming growth factor beta1 (TGF-beta1) and bone morphogenetic protein 2 (BMP-2). Abnormal expression of periostin is also linked to angiogenesis and metastasis in epithelial tumors. Periostin up-regulation in cancers usually correlates with aggressiveness and/or poor survival.

UniProt: [Q62009](#)

Application Details

Plate: Pre-coated

Restrictions: For Research Use only

Handling

Storage: 4 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: +4°C
12 months after the day of manufacturing. See expiry date on ELISA Kit box.