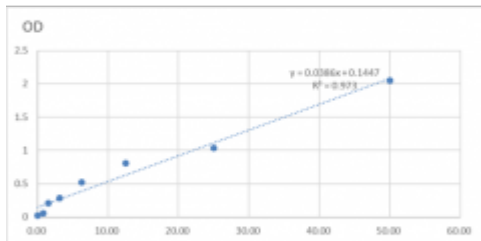


## Rat Osteocalcin ELISA kit



### Description

The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of OC/BGP in Rat serum, plasma and other biological fluids.

<b>Model</b>	STJ150184
<b>Reactivity</b>	Rat
<b>Applications</b>	ELISA
<b>Gene ID</b>	25295
<b>Gene Symbol</b>	Bglap
<b>Dilution range</b>	0.781--50ng/mL
<b>Tissue Specificity</b>	Serum, Plasma, Biological Fluids
<b>Note</b>	For Research Use Only (RUO) .
<b>Protein Name</b>	OC/BGP
<b>Molecular Weight</b>	11 kDa
<b>Storage Instruction</b>	Store at 4°C for 6 months.
<b>Database Links</b>	<a href="#">HGNC:1043OMIM:112260Reactome:R-HSA-159740</a>
<b>Alternative Names</b>	Osteocalcin, Bone Gla Protein, Bgp, Gamma-Carboxyglutamic Acid-Containing Protein
<b>Function</b>	Constitutes 1-2% of the total bone protein. It binds strongly to apatite and calcium.
<b>Cellular Localization</b>	Secreted
<b>Post-translational</b>	Gamma-carboxyglutamate residues are formed by vitamin K dependent

**Modifications**

carboxylation. These residues are essential for the binding of calcium.

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