

## Rat Activin ELISA Kit (2 plates)

**Catalogue No.:** BEK-2154-2P

**Description:** The rat Activin Kit is a sandwich ELISA. The capture antibody is a monoclonal rat Activin antibody pre-coated onto the 96-well strip plates provided in the kit. Rat test samples and standards of known Activin concentration are added to these wells and allowed to complex with the bound Activin antibody. A biotinylated rat Activin monoclonal antibody is then added. This detection antibody binds to the antigen thus completing the sandwich. After washing, an enzyme Avidin-Biotin-Peroxidase complex (ABC) is added which binds to the second antibody. The peroxidase substrate TMB is added to induce a coloured reaction product. The intensity of this coloured product is directly proportional to the concentration of Activin present in the samples. The purpose of this kit is the in-vitro quantitative determination of rat Activin in samples such as sera, plasma, tissue lysates and cell culture supernates. This kit has been configured for research use only and is not to be used in diagnostic or clinical procedures.

**Batch No.:** See product labels

**Other Names:** Inhibin beta A chain; Activin beta-A chain; Inhba;

**Accession:** P18331 INHBA\_RAT;

**Specificity:** Rat Activin

**Storage:** Store at 4°C

**Kit components:** The ELISA kit box contains 2 x 96 pre-coated strip plates, protein standards, detection reagents, substrate buffer and precise instructions.

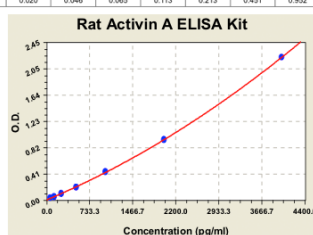
**Range:** 62.5 pg/ml - 4,000 pg/ml

**Sensitivity:** < 12 pg/ml

**Kit protocol:** Please refer to our online product listing for current protocol/MSDS versions.

**Typical Rat Activin A ELISA Kit Standard Curve**  
(TMB reaction incubate at 37°C for 25 min)

Concentration	0.0pg/ml	62.5pg/ml	125pg/ml	250pg/ml	500pg/ml	1000pg/ml	2000pg/ml	4000pg/ml
O.D.	0.020	0.046	0.085	0.113	0.213	0.451	0.952	2.233



This standard curve is for demonstration purposes only. A standard curve should be generated for each assay.

FOR RESEARCH USE ONLY