

## Porcine HMGB-1 (HighMobility Group Protein B1) ELISA kit

---

This kit applies sandwich ELISA method for the quantitative detection of HMGB-1 (HighMobility Group Protein B1) in porcine samples. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Pig HMGB-1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig HMGB-1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Pig HMGB-1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm  $\pm$ 10nm. The concentration of Pig HMGB-1 in the samples is then determined by comparing the OD of the samples to the standard curve.

Catalog No.	3215993
Size	96-Wells
Product Category	ELISA (Quantitative)
Reactivity	Porcine
Sample	Serum; Plasma; Other Biological Fluids
Assay Method	Sandwich ELISA
Assay Duration	3.5 hours
Sensitivity	6.1 pg/mL
Standard Curve Range	15.63-1000 pg/mL
Storage/Stability	-20°C/1 year; 4°C/6 months