

Product Datasheet

Pig High Mobility Group Protein B1 (HMGB-1) ELISA Kit (orb2667611)

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| Catalog Number | orb2667611 |
| Category | Assays and Kits |
| Description | Pig High Mobility Group Protein B1 (HMGB-1) ELISA Kit |
| Reactivity | Porcine |
| UniProt ID | P12682 |
| Application notes | <p>standard: 10 ng/mL. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. 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</p> |
| Assay Type | Sandwich |
| Assay Time | 3.5h |
| Range | 0.16-10 ng/mL |
| Sensitivity | 0.061 ng/mL |
| Sample Types | Serum, plasma and other biological fluids |

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Note For research use only

Expiration Date 6 months from date of receipt.

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