

## Porcine ANG1 (Angiopoietin1) ELISA kit

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This kit applies competitive inhibition ELISA method for the quantitative detection of ANG1 (Angiopoietin1) in porcine samples. The microtiter plate provided in this kit has been pre-coated with Pig ANG1 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig ANG1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 ANG1 in the samples is then determined by comparing the OD of the samples to the standard curve.

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| Catalog No.          | 3210894  |
| Size                 | 96-Wells   |
| Product Category     | ELISA (Quantitative)                                       |
| Reactivity           | Porcine  |
| Sample               | Serum; Plasma; Tissue Homogenates; Other Biological Fluids |
| Assay Method         | Competitive Inhibition ELISA                               |
| Assay Duration       | 2 hours  |
| Sensitivity          | 1.17 ng/mL   |
| Standard Curve Range | 3.13-200 ng/mL   |
| Storage/Stability    | -20°C/1 year; 4°C/6 months                                 |