

## Product Datasheet

# Chicken sIgA(Secretory Immunoglobulin A) ELISA Kit (orb1946459)

**Description** Chicken sIgA(Secretory Immunoglobulin A) ELISA Kit

**Reactivity** Gallus

**Range** 781.25-50000 pg/mL

**Target** sIgA

**Note** For research use only

**Application notes** This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Secretory Immunoglobulin A(sIgA) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Secretory Immunoglobulin A(sIgA). 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 Secretory Immunoglobulin A(sIgA) in the samples is then determined by comparing the OD of the samples to the standard curve.

**Sample Types** Serum, plasma and other biological fluids

**Sensitivity** 248.5 pg/mL

**Expiration Date** Please enquire.

