

## Canine Cys-C (Cystatin C) ELISA kit

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This kit applies sandwich ELISA method for the quantitative detection of Cys-C (Cystatin C) in canine samples. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Canine Cys-C. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Canine Cys-C. 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 Canine Cys-C, 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  $450\text{nm} \pm 10\text{nm}$ . The concentration of Canine Cys-C in the samples is then determined by comparing the OD of the samples to the standard curve.

Catalog No.	3140335
Size	96 Well-Plate
Product Category	ELISA (Quantitative)
Reactivity	Canine
Sample	Serum; Plasma; Tissue Homogenates; Cell Lysates; Cell Culture Supernates; Other Biological Fluids
Assay Method	Sandwich ELISA
Assay Duration	3.5 hours
Sensitivity	12.1 pg/mL
Standard Curve Range	31.25-2000 pg/mL
Storage/Stability	-20°C/1 year; 4°C/6 months

