

## ARG83475 Canine Albumin ELISA Kit

Package: 96 wells

Store at: 4°C

### Summary

Product Description	ARG83475 Canine Albumin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Canine Albumin in Plasma, Serum and Urine
Tested Reactivity	Dog
Tested Application	ELISA
Target Name	Albumin
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	6.25 ng/ml
Sample Type	Plasma, Serum and Urine
Standard Range	12.5 - 400 ng/ml
Sample Volume	100 µl
Alternate Names	ALB; Albumin; Serum Albumin; PRO0883; PRO0903; PRO1341; FDAHT; HSA

### Application Instructions

Assay Time	2 hours
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### Properties

Form	96 well
Storage instruction	Store the kit at 4°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Gene Symbol	ALB
Gene Full Name	albumin
Background	This gene encodes the most abundant protein in human blood. This protein functions in the regulation of blood plasma colloid osmotic pressure and acts as a carrier protein for a wide range of endogenous molecules including hormones, fatty acids, and metabolites, as well as exogenous drugs. Additionally, this protein exhibits an esterase-like activity with broad substrate specificity. The encoded preproprotein is proteolytically processed to generate the mature protein. A peptide derived from this protein, EPI-X4, is an endogenous inhibitor of the CXCR4 chemokine receptor.
Function	Serum albumin, the main protein of plasma, has a good binding capacity for water, Ca(2+), Na(+), K(+), fatty acids, hormones, bilirubin and drugs. Its main function is the regulation of the colloidal osmotic pressure of blood. Major zinc transporter in plasma, typically binds about 80% of all plasma zinc.

PTM	Cleavage on pair of basic residues, Disulfide bond, Glycation, Glycoprotein, Methylation, Phosphoprotein
Cellular Localization	Secreted