



SMAG3269 Human ALD-BSA Antigen (Capture/Detection)
DATA SHEET

Catalog Number	SMAG3269
Product Name	Human ALD-BSA Antigen (Capture/Detection)
Molecular Name	ALD
Size	1mg
Species	Human
Applications	LFIA (Lateral-Flow Immunochromatographic Assay), CLIA (Chemiluminescence Immunoassay), ELISA
Host	Chemical Synthesis
Purity	>90% as determined by SDS-PAGE
Buffer	0.01M PBS, 0.05% ProClin-300 (pH 7.4)
Purification	Affinity purification
Background	Aldosterone is the main mineralocorticoid steroid hormone produced by the zona glomerulosa of the adrenal cortex in the adrenal gland. It is essential for sodium conservation in the kidney, salivary glands, sweat glands, and colon. It plays a central role in the homeostatic regulation of blood pressure, plasma sodium (Na ⁺), and potassium (K ⁺) levels. It does so primarily by acting on the mineralocorticoid receptors in the distal tubules and collecting ducts of the nephron.
Storage	This antigen can be stored at 2°C-8°C for one month without detectable loss of activity. This product is stable for twelve months from date of receipt when stored at -20°C to -80°C. Aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.
Shipping Condition	Ice packs
Note	This product is for research use only.

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