

## Anti-h SAA LL00601 SPTN-5

### Product overview

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Catalog number	C-40-0008
Specificity	Antibody recognizes human serum amyloid A (SAA)
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Product buffer solution	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN <sub>3</sub> as a preservative
Shelf life and storage	18 months from manufacturing at 2–8 °C
Analyte description	Serum amyloid A, a family of apolipoproteins, is associated with high density lipoprotein during inflammatory states. The level of serum amyloid A (SAA) in the blood increases dramatically in response to tissue injury and inflammation. SAA also acts as a cytokine, influencing cell adhesion, migration, proliferation and aggregation. SAAs are implicated in several chronic inflammatory diseases, such as amyloidosis, atherosclerosis, and rheumatoid arthritis.

### Parameters tested on each lot

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Product appearance	Liquid, may turn slightly opaque during storage
Product concentration	5.0 mg/ml (+/- 10%)
Immunoreactivity	80–120% compared to the reference sample
Purity	≥ 90 %

### Kinetic parameters

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Association rate constant	To Be Determined (TBD)
Dissociation rate constant	TBD
Affinity constant	TBD
Determination method	-
Determination antigen	-



**Cross-reactivities** Not Determined (N/D)

**Epitope** Not Determined (N/D)

<b>Pair recommendations</b>	<b>CAPTURE ANTIBODY</b>	<b>DETECTION ANTIBODY</b>
	LL00601	LL00602
	LL00602	LL00601

Please note that pair recommendations are based on results obtained by our laboratory. Equally good results may be obtained using other pairs and therefore these recommendations are only indicative.

**Antigens tested** -

<b>Product stability</b>	TEMPERATURE, TIME	RESULT
	-70 °C, 21 days	OK
	-20 °C, 21 days	OK
	+4 °C, 21 days	OK
	+35 °C, 21 days	OK
	+45 °C, 7 days	OK

Stability testing is performed in the product buffer to see whether different temperatures affect the antigen binding, charge or composition of the antibody. Please note that the shelf life given on the first page is based on real time stability testing at 2–8 °C in the product buffer.

**Miscellaneous** -

**References** -

