

PRODUCT SPECIFICATIONS

Name	Anti-Streptococcus group A 2650
Specificity	Antibody recognizes group A Streptococcus carbohydrate
Description	Rabbit monoclonal antibody specific to the Group A Streptococcus carbohydrate. <i>In vitro</i> cultured.
Product code	700031
Product buffer solution	0.01 M PBS, pH 7.2, 0.9 % NaCl, < 0.1 % NaN ₃ as a preservative
Shelf life and storage	24 months from manufacturing at 2-8 °C
Analyte description	<i>Streptococcus pyogenes</i> , or group A streptococcus (GAS), is a species of β-hemolytic bacteria responsible for most cases of streptococcal illness, which typically begin in the throat or skin. GAS is the cause of various important human diseases, ranging from strep throat or mild rash to life-threatening conditions such as streptococcal toxic shock syndrome.

PARAMETERS TESTED ON EACH LOT

Product appearance	Liquid
Product concentration	> 1 mg/ml
Immunoreactivity	Passed in ELISA when Anti-Streptococcus A 2650 was used as a capture or a detection antibody
IEF Profile	-
Purity	> 90 %

PARAMETERS DETERMINED DURING PRODUCT DEVELOPMENT

Subclass	IgG ₁
Association rate constant	Not Determined (N/D)
Dissociation rate constant	N/D
Affinity constant	N/D
Determination method	-
Determination antigen	-

Legal disclaimer

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Cross-reactivities No cross-reactivity with Streptococci groups B, C, D, F, G or other bacteria.

Epitope N/D

Pair recommendations	CAPTURE ANTIBODY	DETECTION ANTIBODY
	2650	2650

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.

Product stability	TEMPERATURE, TIME	RESULT
	N/A	

Miscellaneous -

References -

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