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. In vitro cultured.

Product code
700031

Product buffer solution
0.01 M PBS, pH 7.2, 0.9 % NaCl, < 0.1 % NaN3 as a preservative

Shelf life and storage
24 months from manufacturing at 2–8 °C

Analyte description
Streptococcus pyogenes, 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
IgG1

Association rate constant
Not Determined (N/D)

Dissociation rate constant
N/D

Affinity constant
N/D

Determination method
-

Determination antigen
-
<table>
<thead>
<tr>
<th>Cross-reactivities</th>
<th>No cross-reactivity with Streptococci groups B, C, D, F, G or other bacteria.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epitope</td>
<td>N/D</td>
</tr>
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</table>
| Pair recommendations| **CAPTURE ANTIBODY**  
|                    | 2650  
|                    | **DETECTION ANTIBODY**  
|                    | 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**  
|                    | N/A  
| Miscellaneous      | –                                                                               |
| References         | –                                                                               |