PRODUCT SPECIFICATIONS

Name: Anti-hBoV 3602 SPTN-5

Specificity: Antibody recognizes human bocavirus VP2

Description: Monoclonal mouse antibody, cultured *in vitro* under conditions free from animal-derived components

Product code: 100527

Product buffer solution: 50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN₃ as a preservative

Shelf life and storage: 12 months from manufacturing at 2–8 °C

Analyte description: Human bocavirus (also termed HBoV) is a small non-enveloped virus with a single-stranded DNA genome. It is a member of the Parvoviridae family. HBoV has been detected worldwide in 2–20 % of all upper and lower respiratory tract infections, and has also been linked to gastroenteritis.

PARAMETERS TESTED ON EACH LOT

Product appearance: Liquid, may turn slightly opaque during storage

Product concentration: 5.0 mg/ml (+/- 10 %)

Immunoreactivity: 80–120 % compared to the reference sample in an FIA test

IEF Profile: 7.1 – 7.9

Purity: ≥ 95 %

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: –
**Cross-reactivities**

N/D

**Epitope**

N/D

**Pair recommendations**

<table>
<thead>
<tr>
<th>CAPTURE ANTIBODY</th>
<th>DETECTION ANTIBODY</th>
</tr>
</thead>
<tbody>
<tr>
<td>3602</td>
<td>3602</td>
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</table>

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**

<table>
<thead>
<tr>
<th>TEMPERATURE, TIME</th>
<th>RESULT</th>
</tr>
</thead>
<tbody>
<tr>
<td>-70 °C, 21 days</td>
<td>OK</td>
</tr>
<tr>
<td>-20 °C, 21 days</td>
<td>OK</td>
</tr>
<tr>
<td>+4 °C, 21 days</td>
<td>OK</td>
</tr>
<tr>
<td>+35 °C, 21 days</td>
<td>OK</td>
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<tr>
<td>+45 °C, 7 days</td>
<td>OK</td>
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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**

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**References**

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