

PRODUCT SPECIFICATIONS

Name	Anti-hBoV 3602 SPTN-5
Specificity	Antibody recognizes human bocavirus VP2
Description	Monoclonal mouse antibody, cultured <i>in vitro</i> 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 % NaN ₃ 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	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 N/D

Epitope N/D

Pair recommendations

CAPTURE ANTIBODY	DETECTION ANTIBODY
3602	3602

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
-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 –

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