

PRODUCT SPECIFICATIONS

Date: 2016-04-05

PRODUCT NAME	:	Anti-h D-Dimer 1406 SPTN-5
PRODUCT SPECIFICITY	:	Antibody recognizes human D-Dimer
PRODUCT CODE	:	100481
PRODUCT BUFFER	:	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN ₃ as a preservative
SHELF LIFE AND STORAGE	:	Shelf life unspecified, storage at 2-8°C
ANALYTE DESCRIPTION	:	D-Dimer (DD) is a fibrin degradation product created during fibrinolysis when plasmin degrades the fibrin clot. In clinical diagnostics, D-Dimer test can be used to exclude deep venous thrombosis (DVT), pulmonary embolism (PE) or disseminated intravascular coagulation (DIC). D-Dimer is also valuable for monitoring patients during and after anticoagulant treatment for recurrent DVT.

PARAMETERS TESTED FROM EACH LOT

PRODUCT APPEARANCE	:	Clear liquid, may turn opaque during storage
PRODUCT CONCENTRATION	:	5.0 mg/ml (+/- 10 %)
PRODUCT ACTIVITY	:	80 – 120 % compared to reference in an IFMA-test
IEF-RANGE	:	5.5 – 6.4
PURITY	:	≥ 95 %

PARAMETERS DETERMINED ONLY DURING PRODUCT R&D PHASE

CLASS AND SUBCLASS	:	IgG1
ASSOCIATION CONSTANT	:	Not Determined (N/D)
DISSOCIATION CONSTANT	:	N/D
AFFINITY CONSTANT	:	N/D
DETERMINATION METHOD	:	-
ANTIGEN	:	-
CROSS-REACTIVITIES	:	No cross-reactivity against human Fibrinogen, others not tested.

EPITOPE : N/D

EPITOPE GROUP : -

Two antibodies binding to the same, or closely located epitopes, belong to the same group and hence cannot be used as a pair in a sandwich assay. Epitope group numbering does not give any detailed information where the epitope is located.

PAIR RECOMMENDATIONS	SOLID	LABEL
	1402	1406
	1404	1406
	1406	1405

Please note that pair recommendations are based on results obtained in our laboratory using a D-Dimer preparation from Lee Biosolutions, Inc (Cat n:o 200-11) as antigen. Equally good results may be obtained using other pairs and therefore these recommendations should be taken only as a directive.

PRODUCT STABILITY	TEMPERATURE, DAYS	RESULT
Please note that the shelf life given on page one is based on real time stability testing at +2-8°C in the product buffer.	-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. The maximum duration of the test is 21 days, except for the +45°C only 7 days.

MISCELLANEOUS : -

REFERENCES : -

Legal disclaimer

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