Medix Biochemica

Product specification
ANTIBODY
2025-03-13

Anti-h FDP LL01003 SPTN-5

Product overview

Catalog number	C-40-0025
Specificity	Antibody recognizes human fibrin degradation protein (FDP)
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Product buffer solution	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN_3 as a preservative
Shelf life and storage	24 months from manufacturing at 2–8 °C
Analyte description	Fibrinogen has a molecular weight of 340,000 and is composed of three pairs of peptide chains (Aα, Bβ, Cγ) connected by disulfide bonds. It transforms into fibrin under the action of thrombin. Both can be degraded into fragments such as X, Y, D, E, and D dimer by plasmin. Fragments X, Y, D, E, etc. are collectively referred to as FDP. FDP is a sensitive indicator of systemic or local intravascular coagulation and fibrinolysis.

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
IEF Profile	6.1 - 6.8
Purity	≥ 95 %

Kinetic parameters

Association rate constant	To Be Determined (TBD)
Dissociation rate constant	TBD
Affinity constant	TBD
Determination method	-
Determination antigen	-

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Cross-reactivities

Not Determined (N/D)

Epitope

Not Determined (N/D)

Pair recommendations

		DETECTION				
		LL01001	LL01002	LL01003	LL01004	LL01005
CAPTURE	LL01001	-	-	-	+	-
	LL01002	+	-	+	+	+
	LL01003	-	+	-	-	-
	LL01004	-	-	-	-	-
	LL01005	-	-	-	-	-

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.

Antigens tested

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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

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References

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