Medix Biochemica

MedixMAB™ **ANTIBODIES**

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Product specifications

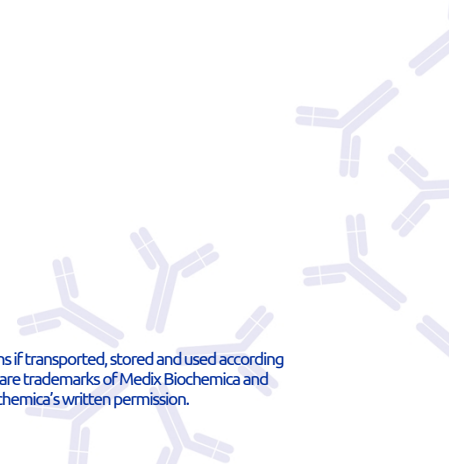|	
Name	Anti-h Inhibin alpha 9401 SPTN-5
Specificity	Antibody recognizes human inhibin alpha subunit
Description	Monoclonal mouse antibody, cultured *in vitro* under conditions free from animal-derived components.
Product code	100711
Product buffer solution	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN_3 as a preservative
Shelf life and storage	12 months from manufacturing at 2–8 °C
Subclass	IgG_1
Analyte description	Inhibin alpha can form dimers either with inhibin beta A or inhibin beta B. These dimers are called inhibin A, or inhibin B, respectively. Both inhibin A and inhibin B inhibit FSH secretion. Inhibin A tests can be used in the diagnostics of Trisomy 21 and Trisomy 18. Inhibin B is a marker of male infertility.

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	6.3–7.2
Purity	≥ 95 %

Kinetic parameters

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	Amino acids 233-264 (STPLMSWPWSPSALRLLQRPPEEPAAHANCHR)

Pair recommendations

		DETECTION	
		9401	9504
CAPTURE	9401	-	+
	9504	+	-

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.

Platforms tested	FIA

Antigens tested	N/D

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	-