Medix Biochemica

MedixMAB™ ANTIBODIES

Date: 2020-06-25

PRODUCT SPECIFICATIONS

Name	Anti-h AMH 11303 SPTN-5
Specificity	Antibody recognizes human anti-Müllerian hormone (AMH)
Description	Monoclonal mouse antibody, cultured *in vitro* under conditions free from animal-derived components
Product code	100758
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	Anti-Müllerian hormone (AMH) is a glycoprotein produced by the Sertoli cells of the testis and by the granulosa cells of the ovary. It is used as biomarker to assess ovarian reserve levels.

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	6.4 - 7.0
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	-

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Cross-reactivities

N/D

Epitope

N-terminal region of AMH within amino acids Arg26-Arg451

Pair recommendations

		DETECTION					
		11301	11302	11303	11304	11305	11309
CAPTURE	11301	-	-	+	-	-	+
	11302	-	-	-	-	-	+
	11303	+	+	-	+	-	+
	11304	-	-	+	-	-	+
	11305	+	+	+	+	-	+
	11309	+	+	+	+	-	-

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

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References

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