

## Product specifications

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|                         |   |
|-------------------------|---|
| Name                    | Anti-h AMH 11305 SPTN-5   |
| Specificity             | Antibody recognizes human anti-Müllerian hormone (AMH)  |
| Description             | Monoclonal mouse antibody, cultured <i>in vitro</i> under conditions free from animal-derived components  |
| Product code            | 100760  |
| Product buffer solution | 50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN <sub>3</sub> as a preservative  |
| Shelf life and storage  | Unspecified, storage at 2–8 °C  |
| Subclass                | IgG <sub>1</sub>  |
| 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

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|                       |  |
|-----------------------|--|
| 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           | 6.6–7.0  |
| Purity                | ≥ 95 %   |

## Kinetic parameters

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|                            |                      |
|----------------------------|----------------------|
| Association rate constant  | Not Determined (N/D) |
| Dissociation rate constant | N/D                  |
| Affinity constant          | N/D                  |
| Determination method       | -                    |
| Determination antigen      | -                    |

### Legal disclaimer



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 | +         | +     | +     | +     | -     | -     |

Following pairs are especially recommended for the below mentioned assays:

FIA: 11309 (capture) – 11302 (detection)

LF: 11304 (membrane) – 11303 (particles)

CLIA: 11303 (capture) – 11309 (detection) and 11304 – 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.

Platforms tested FIA, LF, CLIA

Antigens tested N/D

| 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 -

