

Anti-h Calcitonin 4050

Product overview

| | |
|--------------------------------|--|
| Catalog number | 700019 |
| Specificity | Antibody recognizes human calcitonin |
| Description | Monoclonal antibody raised against human calcitonin. <i>In vitro</i> cultured mouse hybridomas. |
| Product buffer solution | 0.1 M BBS, pH 8, 0.9 % NaCl |
| Shelf life and storage | 60 months from manufacturing at 2–8 °C |
| Subclass | IgG ₁ |
| Analyte description | Calcitonin is a peptide hormone secreted by the thyroid gland. Calcitonin concentrations are increased in patients with medullary thyroid carcinoma (MTC) and can be used to diagnose and monitor the disease. |

Parameters tested on each lot

| | |
|------------------------------|---|
| Product appearance | Liquid |
| Product concentration | > 1.0 mg/ml |
| Immunoreactivity | Passed in ELISA when Anti-h Calcitonin antibody 4050 was used as a detection antibody |
| IEF Profile | 6.3–7.3 |
| Purity | ≥ 95 % |

Kinetic parameters

| | |
|-----------------------------------|----------------------|
| 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/D

Pair recommendations

| | | DETECTION | | | |
|---------|------|-----------|------|------|------|
| | | 4004 | 4005 | 4050 | 4051 |
| CAPTURE | 4004 | - | - | + | - |
| | 4005 | - | - | + | - |
| | 4050 | + | + | - | + |
| | 4051 | - | - | + | - |

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 ELISA

Antigens tested N/D

Product stability TEMPERATURE, TIME RESULT
N/D

Miscellaneous -

References -



Legal disclaimer