

Oncology

# Calcitonin

For accurate monitoring  
of Medullary Thyroid Carcinoma (MTC)



DiaSorin

The Diagnostic Specialist

FOR OUTSIDE THE US ONLY

# Oncology

## LIAISON® Calcitonin II-Gen

The DiaSorin LIAISON® Calcitonin II-Gen Assay is a one-step sandwich chemiluminescence immunoassay (CLIA) intended for the quantitative determination of calcitonin in human serum. Assay results should be used in conjunction with other clinical and laboratory data to assist in the diagnosis and management of conditions involving an excess or deficiency of calcitonin.

### PRECISE

- Inter-assay CV% < 13%
- Intra-assay CV% < 8%

### RELIABLE

- 98% of the levels of Calcitonin belonging to males and females subjects (n = 267) showing normal thyroid parameters (fT4, TSH and anti-Tg Ab) tested with the LIAISON® Calcitonin II-Gen are < 10 pg/mL.
- The assay is referenced to the WHO IS 89/620.

### FLEXIBLE

- Wide measuring range: 1.0 – 2000 pg/mL
- Functional sensitivity: 3.0 pg/mL
- Analytical sensitivity: 1.0 pg/mL
- Hook effect: > 500000 pg/mL
- Stability of the calibration curve: 21 days

### FAST

- Incubation time: 30' (one step assay)
- Time to first result: 35'
- Throughput: 180 test/h
- No samples pre-treatment required.

### Calcitonin

Calcitonin is finally recognized as a tumour marker worldwide. Its usefulness is completely focused on the effective identification of Medullary Thyroid Carcinoma (MTC) in subjects showing nodular thyroid disease. The LIAISON® assay is completing the outstanding menu of the LIAISON® Tumour Marker panel including high routine parameters together with unique markers: LIAISON® CEA, AFP, total PSA, free PSA, hCG, CA 19-9, CA 125II, CA 15-3,  $\beta_2$  Microglobulin, Ferritin, NSE, Thymidine kinase, S100.

LIAISON® Calcitonin II-Gen (code 310650)

LIAISON® Calcitonin II-Gen Control Set (code 310651)

LIAISON® Calcitonin II-Gen Specimen Diluent (code 310652)

### LIAISON® Tumour Markers products

LIAISON® AFP	(code 314471)	LIAISON® CEA	(code 314311)
LIAISON® PSA	(code 314381)	LIAISON® fPSA	(code 314391)
LIAISON® CA 19-9™	(code 314171)	LIAISON® CA 125 II™	(code 314211)
LIAISON® CA 15-3®	(code 314301)	LIAISON® TPA	(code 314121)
LIAISON® S100	(code 314701)	LIAISON® Thymidine kinase	(code 310960)
LIAISON® NSE	(code 314561)	LIAISON® hCG	(code 312311)
LIAISON® Thyroglobulin	(code 311861)	LIAISON® Calcitonin II-Gen	(code 310650)
LIAISON® $\beta_2$ Microglobulin	(code 314501)	LIAISON® Ferritin	(code 313551)

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