

Carbohydrate Antigen 15-3 (CA 15-3) (CA153)

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Cerba Lancet Africa

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TEST OVERVIEW

Test Name	Carbohydrate Antigen 15-3 (CA 15-3)
Test Code	CA153
Short Description	CA 15-3

OVERVIEW

Test Name	Carbohydrate Antigen 15-3 (CA 15-3)
Test Code	CA153
Category	Immunoassay
TAT	Main Lab: 6 Hour(s) Family Site: <8hrs, <6hrs
Specimen(s)	1 x Venous blood - 5 mL Tube - Gold - SST-Serum Separator Tube

SPECIMEN(S)

SST-Serum Separator Tube

Specimen Type	SST-Serum Separator Tube
Specimen Format	Tube
Specimen Colour	Gold
Specimen Volume	5 mL
Sampling Order	2
Origin	Venous blood
Collection time after baseline	-
Transport Temperature	15-25°C
Accepted Other Specimens	Serum Lithium Heparin Plasma Sodium Heparin Plasma

	EDTA Plasma
TAT	Main Lab: 6 Hour(s) Family Site: <8hrs, <6hrs
Test Stability	Room Temp: 24 Hour(s) 2–8°C: 5 Day(s)

CLINICAL INFORMATION

Carbohydrate Antigen 15-3 (CA 15-3)

Methodology	-
Specimen Type	SST-Serum Separator Tube
Delay before pre-treatment	6
Transport Temperature	15-25°C
Transport Stability at room temp	24 Hours
Transport Stability at 2–8°C	5 Day
Haemolysis interference	<input type="button" value="No"/>

Clinical Interest

CA 15-3 is a protein produced by breast cancer cells and other cells in the body. The main clinical interest in CA 15-3 lies in monitoring patients with metastatic breast cancer. CA 15-3 is elevated in approximately 70-80% of patients.

Increased levels may indicate disease progression or recurrence, while decreased levels suggest a favourable response to treatment (e.g. chemotherapy or hormone therapy).

CA 15-3 should not be used for the initial diagnosis of breast cancer, as it may be normal in the early stages of the disease, and elevated levels may be seen in other conditions.

Although most commonly used in breast cancer, CA 15-3 can be elevated in other malignancies:

- ovarian cancer, lung cancer, liver cancer
- or pancreatic cancer

CA 15-3 levels can also be elevated in non-cancerous conditions, but generally to a lesser extent.

Consequently, an elevated CA 15-3 level is not always an indication of malignancy and should be interpreted according to the clinical context.

PATIENT INFORMATION

Clinical Information Required	-
Patient Collection Notes	-

COMMENTS & NOTES

LOINC Code

08-6, 8308-6, 83083-6

Outwork

No