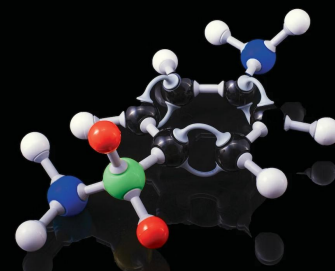




CA 15-3 (Breast Cancer Antigen)

Who are we?

Established in 1999 in Mumbai, Yashraj Biotechnology Ltd. (YBL), is a research and innovation driven Biotechnology Company. YBL started its operations in niche diagnostic reagents (native antigens) and has since expanded its product range to provide end-to-end solutions to our customers in life-sciences, diagnostics.



About the Product

CA 15-3

Cancer antigen CA 15-3 is a tumor marker. It falls under the mucin family of glycoproteins and is also known as Mucin-1 (MUC-1), which is encoded by the MUC1 gene. CA 15-3 is a tumor marker for many types of cancer, but mostly for breast cancer. Elevated CA15-3, in conjunction with alkaline phosphatase (ALP), has been found to be associated with an increased chance of early recurrence in breast cancer. Overexpression of MUC1 is often associated with colon, breast, ovarian, lung, and pancreatic cancers. Mucin-1 is a glycoprotein with extensive O-linked glycosylation in its extracellular domain. MUC1 has a core protein mass of 120-225 kDa, which increases to 250-500 kDa with glycosylation.

Reference

Duffy MJ, Duggan C, Keane R, et al. (March 2004). "High preoperative CA 15-3 concentrations predict adverse outcome in node-negative and node-positive breast cancer: a study of 600 patients with histologically confirmed breast cancer."

CA15-3 and alkaline phosphatase as predictors for breast cancer recurrence: a combined analysis of seven International Breast Cancer Study Group trials, Keshaviah et al. 18 (4): 701 - Annals of Oncology. 2007

Source

Human Fluids

Application

- Manufacturing Controls and Calibrators
- Life Science
- Clinical Chemistry
- Biosensors
- ELISA Assay
- Lateral Flow

Why YBL?

USPs

- We ensure **batch-to-batch consistency on a large scale**, providing you with high-quality products every time.
- We offer the **shortest lead times** in the industry, allowing you to receive your products quickly and efficiently.
- We have a **reliable global network of hospitals** that supply us with high-quality biofluids and biospecimens, ensuring that we always have the materials we need to meet your requirements.
- Our products are **customized** to meet your specific needs, and we can **validate them across multiple applications** as per your needs, providing you with reliable results every time.
- With over **20 years of experience in protein purification**, our team has the expertise to deliver high-quality products that meet your exact specifications.

ORDER YOUR SAMPLE TODAY:



For more product info.
SCAN HERE

✉ marketing@yashrajbio.com

☎ +91 22 68125300

🌐 www.yashraj.com





CA 15-3 (Breast Cancer Antigen)

CA 15-3 (Breast Cancer Antigen)

Batch No

FBCXXXX

Grade

Partially Pure

Origin

Human Fluids

CAT No.

FBC-09

Expiry

3 Years

Store in

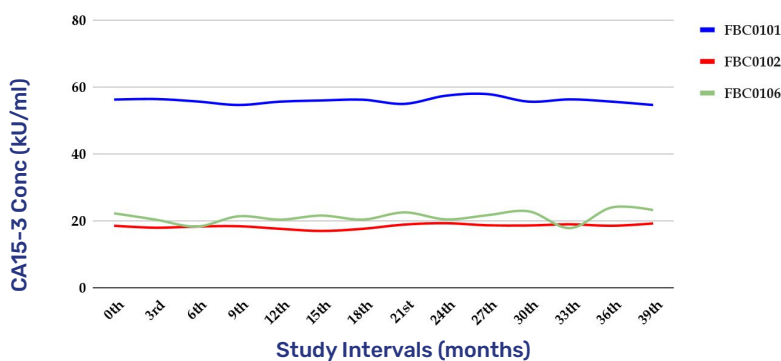
2-8°C in working aliquots

Sr. No.	Test	Test Method	Acceptance Criteria
01	Identification	ELISA (Calbiotech)	Positive for CA 15-3
02	Appearance	Visual	Colourless
03	CA 15-3 Concentration	Roche-cobas (Electrochemiluminescence)	≥10000 U/ml
04	Purity Ratio	Activity/ml/OD280nm	As observed
05	CO product 19-9	Roche-cobas	<25%
06	CO product 125	Roche-cobas	<25%
07	CO product AFP	Roche-cobas	<25%
08	CO product 72-4	Roche-cobas	<25%
09	CO product Ferritin	Roche-cobas	<25%
10	CO product CEA	Roche-cobas	< 25% (ng/U)
11	Bio-burden	Plate Count	≤ 10 CFU/ml
12	Viral Marker Test for HBsAg, Anti-HCV & Anti-HIV	CLIA (USFDA Approved)	Negative
13	Absence of Viral DNA/RNA for (HBV, HIV I and HCV)	PCR	Negative

Stability Information

Product Name : CA15-3
Method of Testing : Roche-cobas ECLIA
Batch No. : FBC0101, FBC0102, FBC0106
Unit of Release : KU/ml

Real Time Stability Study of CA15-3



Observation: CA 15-3 low cross part pure is stable for >3 years at 2-8°C based on the above Real time stability study graph



For more product info.
SCAN HERE

ORDER YOUR SAMPLE TODAY:

✉ marketing@yashrajbio.com

☎ +91 22 68125300

🌐 www.yashraj.com

