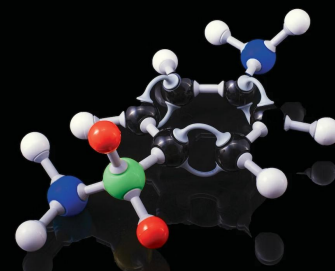




# CA 19-9 (Gastrointestinal Cancer Antigen)

## 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 19-9

CA19-9 is a cancer marker which is also known as sialyl-Lewis A and is used primarily in the management of pancreatic cancer. It is a tetra saccharide that is usually attached to O-glycans on the surface of cells. CA19-9 is the sialylated form of Lewis Antigen. CA19-9 can be elevated in many types of gastrointestinal cancer, such as colorectal cancer, esophageal cancer, and hepatocellular carcinoma. The main use of CA19-9 is to see whether a pancreatic tumor is secreting it; if that is the case, then the levels should fall when the tumor is treated, and they may rise again if the disease recurs. Therefore, it is useful as a surrogate marker for relapse. The reported sensitivity and specificity of CA-19-9 for pancreatic cancer are 80% and 90%, respectively; these values are closely related to tumor size. Serial monitoring of CA-19-9 levels (once every one to three months) is useful for further monitoring of patients after potentially curative surgery and for those who are receiving chemotherapy for advanced disease. **Purified CA 19-9 along with CEA is now the most widely employed general marker in measuring and monitoring malignant disease states.**

## Reference

Locker G, Hamilton S, Harris J, Jessup J, Kemeny N, Macdonald J, Somerfield M, Hayes D, Bast R (2006)

<https://www.sciencedirect.com/topics/medicine-and-dentistry/ca-19-9-antigen>

## Source

Human Fluids

## Application

- Manufacturing Controls & 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.



For more product info.  
**SCAN HERE**

**ORDER YOUR SAMPLE TODAY:**

✉ [marketing@yashrajbio.com](mailto:marketing@yashrajbio.com)

☎ +91 22 68125300

🌐 [www.yashraj.com](http://www.yashraj.com)





# CA 19-9 (Gastrointestinal Cancer Antigen)

## Gastrointestinal Cancer Antigen

**Batch No**

FGIxxxx

**Grade**

Partially Pure

**Origin**

Human Fluids

**CAT No.**

FGI-10

**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 19-9
02	Appearance	Visual	Colourless
03	CA 19-9 Content	Roche-cobas (Electrochemiluminescence)	≥10 kU/ml
04	Purity Ratio	Activity/ml/OD280nm	As observed
05	CO product 125	Roche-cobas	<25%
06	CO product 15-3	Roche-cobas	<25%
07	CO product 72-4	Roche-cobas	<25%
08	CO product Ferritin	Roche-cobas	<25%
09	CO product CEA	Roche-cobas	<25%
10	CO product AFP	Roche-cobas	< 25%
11	Bio-burden	Plate Count	≤ 10 CFU/ml
12	Viral Marker Test for HBsAg, Anti-HCV and Anti-HIV I&II	CLIA (US-FDA Approved)	Negative
13	Absence of Viral DNA/RNA for (HBV, HIV I and HCV)	PCR	Negative

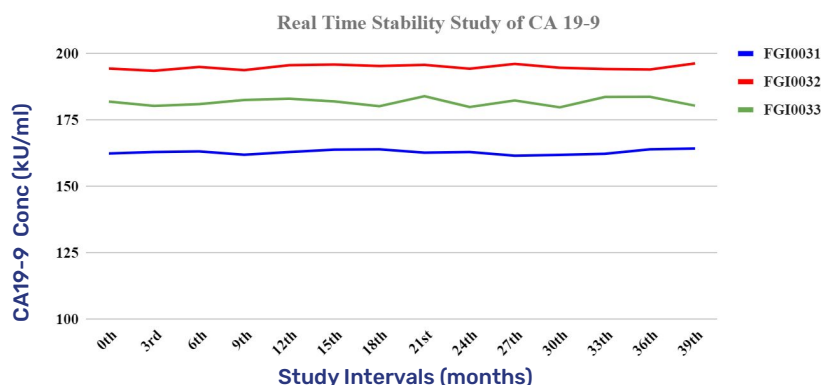
## Stability Information

**Product Name** : CA19-9

**Method of Testing** : Roche-cobas ECLIA

**Batch No.** : FGI0031, FGI0032, FGI0033

**Unit of Release** : KU/ml



**Observation:** CA 19-9 low cross part pure is stable for >3 years at 2-8°C based on the above Real time stability study graph.



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