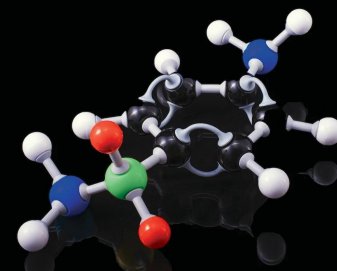




# CA 72-4 (Cancer Antigen)

## 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 72-4

TAG-72 is a high-molecular-weight mucin with a pancarcinoma tissue distribution, and one of its epitopes, recognized by monoclonal antibody (MAb) B72.31, has been identified as sialosyl-2, 6 a-Nacetylgalactosaminy. CA72-4 is a tumour marker (TM) that has been found elevated in a variety of human adenocarcinomas, with reported sensitivities of up to 50% and an overall specificity of over 95%. CA 72-4 is mainly elevated in patients with gastrointestinal (GI) and ovarian cancer, while lower percentages of positive samples were found in patients with a variety of carcinomas, such as breast, prostatic, and lung carcinomas.

## Reference

Evaluation of tumor marker cancer antigen 72-4 (CA 72-4) in the monitoring of metastatic or recurrent tumors of the gastrointestinal tract, lung, breast, and ovaries. Anusiyanthan Isaac Mariampillai, Josephine Pineda Dela Cruz, Jason Suh, Abirami Sivapiragasam, Kyle Nevins, and Alexander A. Hindenburg. CA 72-4 Serum Marker: A New Tool in the Management of Carcinoma Patients, Fiorella Guadagni, M.D., Mario Roselli, M.D.,\* Maurizio Cosimelli, M.D., Patrizia Ferroni, M.D., Antonella Spila, Ph.D., Francesco Cavaliere, M.D., Valerio Casaldi, M.D., Giulia Wappner, M.D., Maria Rosaria Abbolito, Ph.D., John W. Greiner, Ph.D., and Jeffrey Schlom, Ph.D

## 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)

**YASHRAJ BIOTECHNOLOGY LTD.**  
*a bio-quest for ever*  
Estd. 1999



# CA 72-4 (Cancer Antigen)

## CA 72-4 Cancer Antigen

**Batch No**

FGCxxxx

**Grade**

Partially Pure

**Origin**

Human Fluids

**CAT No.**

FGC-11

**Expiry**

3 Years

**Store in**

2-8°C in working aliquots

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

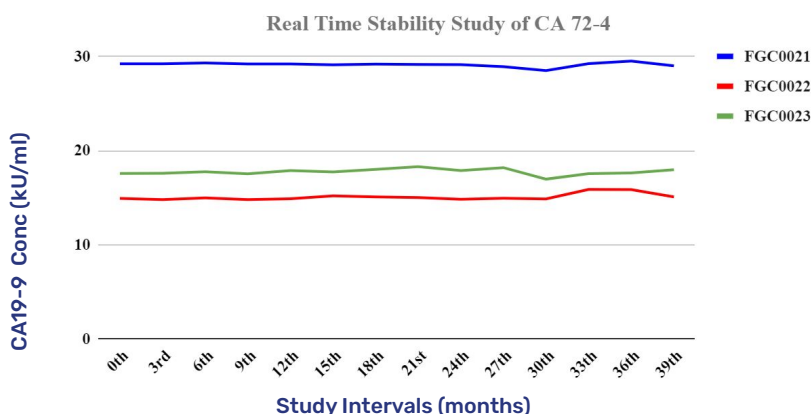
## Stability Information

**Product Name** : CA 72-4

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

**Batch No.** : FGC0021, FGC0022, FGC0023

**Unit of Release** : KU/ml



**Observation:** CA 72-4 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**

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