

Oncology Tumormarker

CA 72-4
CA 15-3
CA 125
CA 19-9
CYFRA 21-1
NSE
CEA
PSA
TPA / TPS
UBC



DRG

Oncology Tumormarker

Afamin ELISA

New

Cat. No. EIA-5085

Novel protein marker for ovarian and testicular cancer.

Improved predictivity when combined in patients with CA125 > U/ml.

Sensitivity > 70% for TC (testicular cancer)

Significantly reduced Afamin plasma

concentrations in pre-operative TC patients.

Predictive for all species of TC, replaces at least 2 conventional markers.

Analytical Sensitivity: 0.01 µg/L
Standard range: 16 - 130 µg/L
Incubation time: 60/60/15 min
Sample type: Serum, plasma

TM-CA 72.4 ELISA

Cat. No. EIA-5071

Used for the measurement of Tumor-Associated Glycoprotein (TAG 72) in serum or plasma.

TAG 72 is a high molecular weight glycoprotein complex, which is predominantly expressed in cancerous tissues. Elevated TAG 72 levels in serum and plasma have been reported in various malignant diseases including carcinomas of pancreas, stomach, gall, colon, mamma, ovaries, cervix and endometrium. CA 72-4 is an established Tumor Marker in the management of patients suffering from gastrointestinal cancers. Several clinical studies show that CA 72-4 is also a valuable tumor marker for the monitoring of ovarian cancer patients, in particular in afflicted women who do not show elevated CA 125 levels.

Standard range: 3 - 100 U/ml
Incubation time: 2.5 hours
Sensitivity: <0.79 U/ml

TM-CA 15.3 ELISA

Cat. No. EIA-5068

Used for the measurement of Cancer antigen 15-3 in serum or plasma.

The most important task in the management of breast cancer patients is the early detection of recurrence and metastasization. The CA 15-3 antigen, a glycoprotein predominantly secreted by tumor cells, is the best-established tumor marker for the posttherapeutical management of breast cancer patients. The level of CA 15-3 is in good correlation with the tumor activity and has been reported to recognize mammary carcinoma metastases with a high sensitivity.

Standard range: 25 - 200 U/ml
Incubation time: 1h/30/30 min.
Sensitivity: 0.905 U/ml
No Sample Dilution - easy to perform!

NSE ELISA

Cat. No. EIA-4610

Used for the determination of neuron-specific enolase (NSE) in serum.

Elevated serum levels are commonly found in patients with malignant tumours with neuroendocrine differentiation, especially small cell lung cancer (SCLC) and neuroblastoma.

Incubation time: 1h/15 min.
Sensitivity: < 0.19 ng/ml



TM-CA 19.9 ELISA

Cat. No. EIA-5069

Used for the measurement of Cancer antigen 19-9 in serum or plasma.

The CA 19-9 antigen, a glycoprotein predominantly secreted by tumor cells, is a well-established tumor marker for the posttherapeutical management of cancer patients. Assays for CA 19-9 are frequently used to monitor gastrointestinal malignancies such as pancreatic, gall bladder, gastric, and colorectal cancers.

Standard range: 15 - 240 U/ml
Incubation time: 1 hour
Sensitivity: 0.888 U/ml
No Sample Dilution - easy to perform!

Cripto-I ELISA

New

Cat. No. EIA-5109

Standard range: 50 - 800 pg/ml
Incubation time: 180/30/20 min
Sensitivity: 8.4 pg/ml
Sample type: Human serum, plasma or urine

TM-CYFRA 21.1 ELISA

Cat. No. EIA-5070

Used for the determination of lung cancers and other malignant and benign diseases.

CYFRA 21-1 (Cytokeratin 19 fragments) is one of the most useful markers for non-small cell lung cancer (NSCLC) and for the detection of nasopharyngeal carcinoma (NPC).

CYFRA 21-1 is also reported as an independent prognostic factor in early stages of Squamous Cell Carcinoma (SQC), while neuron-specific enolase (NSE) is used in the advanced stages.

Standard range: 3 - 50 ng/mL
Incubation time: 60/15 min
Sensitivity: 0.15 ng/ml
No Sample Dilution - easy to perform!

L1CAM

New

Cat. No. EIA-5074

(L1 cell adhesion molecule)

Pathogenetic factor in Endometriosis

L1CAM is over expressed in ovarian and endometrial carcinomas and is associated with a bad prognosis.

L1CAM expression is higher in atypical endometriosis.

Women with atypical endometriosis have a higher probability for developing ovarian cancer.

Standard range: 8.75 - 280 ng/ml
Incubation time: 60/30/15 min
Sensitivity: < 2.71 ng/ml

TM-CA 125 ELISA

Cat. No. EIA-5072

Used for the measurement of Cancer antigen 125 in serum or plasma.

The CA 125 antigen, a glycoprotein predominantly secreted by tumor cells, is the best-established tumor marker for the posttherapeutical management of ovarian cancer patients. The level of CA 125 is in good correlation with the tumor activity and has been reported to recognize metastases with high sensitivity.

Standard range: 0 - 600 U/ml
Incubation time: 30/15 min
Sensitivity: 0.5 U/ml
No Sample Dilution - easy to perform!

TPA ELISA

Cat. No. EIA-2092

Used for the determination of the key epitopes of TPA (Tissue Polypeptide Antigen) fragments in serum.

The monoclonal antibodies used in the test are specific for cytokeratin 8 and 18, with no detectable cross reactivity to other tumor associated antigens that may be present in patient samples.

The TPACyk test is a sensitive indicator of tumor progression / regression for different carcinoma diseases.

Standard range: 1-15 ng/mL
Incubation time: 2h/15 min.
Sensitivity: 0.1 ng/mL

TPS ELISA

Cat. No. EIA-2354

Used for the one-step measurement of the M3-epitope of soluble fragments of cytokeratin 18 in serum (or other body fluids).

Malignant epithelial cells overexpress cytokeratin 18 and soluble cytokeratin 18 fragments are released into the blood stream.

The CYK18 (TPS) ELISA is a sensitive indicator of tumor progression / regression and is useful for the prognosis, monitoring and follow-up of carcinoma patients during treatment (chemotherapy and irradiation).

Standard range: 30 - 1200 U/mL
Incubation time: 3h/30 min. or 2h/15 min. on a shaker
Sensitivity: 0.1 ng/mL

CEA ELISA

Cat. No. EIA-1868

Used for the determination of the Cancer antigen CEA concentration in serum.

Carcinoembryonic antigen (CEA) is secreted from tumor cells and is widely used as serological marker for cancers of the lung, liver, pancreas, breast, colon, head or neck, bladder, cervix, and prostate. Elevated plasma levels are related to the stage and extent of the disease, the degree of differentiation of the tumor, and the site of metastasis.

However, the CEA assay should not be used as a cancer-screening test.

Standard range: 5 - 100 ng/mL
Incubation time: 1h/30 min.
Sensitivity: < 0.6 ng/mL

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CYR 61 ELISA

Cat. No. EIA-5108
Standard range: 40 - 1000 pg/ml
Incubation time: 120/30/15 min.
Sensitivity: 14.9 pg/ml

NOV ELISA

Cat. No. EIA-4836
Standard range: 1 - 32 ng/ml
Incubation time: 60/60/30/15 min.
Sensitivity: 0.1 ng/ml

Free PSA ELISA



Cat. No. EIA-4189
Used for the specific determination of Free PSA without cross reactivity with PSA-ACT complex. Several studies showed that the proportion of Free PSA is higher in benign prostatic disease as compared to prostatic cancer.

Standard range: 0.3 - 10 µg/L
Incubation time: 1h/30 min.
Sensitivity: < 0.03 µg/L

PSA Total ELISA



Cat. No. EIA-3719
Used for the determination of Total PSA (Prostate Specific Antigen) in serum. The recent literature indicates that serum testing for PSA has become a very important tool to screen for prostate cancer and to monitor therapy of this disease.

Standard range: 1.56 - 25 ng/mL
Incubation time: 1h/20 min.
Sensitivity: < 0.2 ng/mL

S100B ELISA

Cat. No. EIA-4555
Used for the measurement of human S100 B protein in serum, cerebrospinal fluid, heparin plasma and tissue culture medium. Exclusively expressed in vertebrates, S100 is implicated in various intracellular and extracellular regulatory activities. Patients with progressive melanoma disease also show elevated serum concentrations of S100B.

Standard range: 50 - 2000 pg/mL
Incubation time: 90/90/10 min.
Sensitivity: 5 pg/mL

Ferritin ELISA

Cat. No. EIA-1872
Used for the determination of Ferritin in human serum.

Standard range: 15 - 1000 ng/mL
Incubation time: 45/20 min.
Sensitivity: 5.0 ng/mL

HPV IgG

Cat. No. EIA-4907
Determination of IgG Ab's to Human Papilloma Virus, type 6, 11, 16 and 18

The HPV IgG ELISA is intended for the follow-up of patients administered with the vaccines based on L1VLPs (Virus like particles) coming from Human Papilloma Virus Type 6, 11, 16 and 18.

Cut off calculation
Incubation time: 60/60/20 min
Serum based

AFP ELISA

Cat. No. EIA-1468
Used for the determination of Alpha-Fetoprotein (AFP) in serum. Elevation of serum AFP to abnormally high values occurs in several malignant diseases, most notably nonseminomatous testicular cancer and primary hepatocellular carcinoma. In the case of nonseminomatous testicular cancer, a direct relationship has been observed between the incidence of elevated AFP levels and the stage of disease.

Standard range: 10 - 160 U/mL
Incubation time: 40 min.
Sensitivity: < 0.2 U/mL

β HCG ELISA

Cat. No. EIA-1911
Used for the quantitative measurement of β-hCG in serum.

Standard range: 5 - 200 mIU/mL
Incubation time: 1h/15 min.
Sensitivity: < 1 mIU/mL

PAP ELISA

Cat. No. EIA-1566
Used for the measurement of prostatic acid phosphatase (PAP) in human serum. It is suggested that PAP may be a significant tumor marker in those patients with prostate cancer, because serum PAP concentrations were found to be elevated in many men with primary prostatic carcinoma and metastatic lesions of prostate

Standard range: 1 - 30 ng/mL
Incubation time: 40 min.
Sensitivity: < 0.2 ng/mL

UBC ELISA

Cat. No. EIA-2355
Urinary Bladder Cancer Marker (UBC in urine)
Used for the determination of antigens in urine from urothelial tumors. The UBC ELISA is a sensitive indicator of the proliferation of tumor cells in the bladder and can be used for the estimation of prognosis, monitoring and follow-up treatment.

Standard range: 1 - 15 µg/L
Incubation time: 2h/15 min.
Sensitivity: 0.1 µg/L

Chromogranin A ELISA

Cat. No. EIA-4937
Used for the determination of human chromogranin A levels in human serum samples. Chromogranin A is a 49 kDa acidic protein that consists of 439 amino acids encoded on chromosome 14. Chromogranin A has been identified in a number of normal and neoplastic endocrine tissues. It was demonstrated that an elevated circulating chromogranin A level would be a marker of tumors of neuroendocrine origin. However, the most significant clinical use of chromogranin A is related to the diagnostic procedure in patients of pheochromocytoma.

Standard range: 50 - 1500 ng/mL
Incubation time: 60/15/15 min.
Sensitivity: 10 ng/mL

Beta 2 Microglobulin ELISA

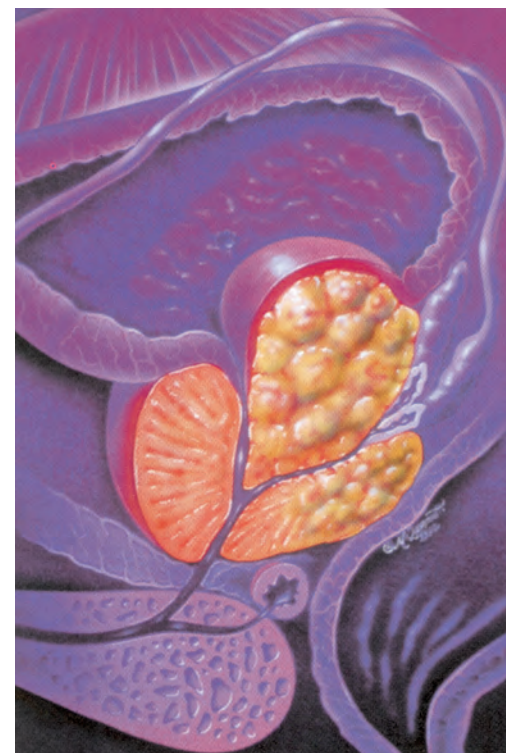
Cat. No. EIA-1789
Used for the determination of β-2 Microglobulin (B2M) concentration in human serum. Beta 2 Microglobulin is a protein found on the surface of most nucleated cells and is in particularly high concentrations on the surface of lymphocytes. Serum levels are a function of its rate of synthesis, release into the serum and its rate of clearance by the kidneys. B2M is frequently elevated in lymphoproliferative diseases such as multiple myeloma, B-cell lymphoma, and chronic lymphocytic leukemia may also be elevated in cancers of the GI tract, cervix, lung and breast. Benign elevations may be seen in Crohn's Disease, AIDS lymphadenopathy, liver disease, renal disease, renal transplants and inflammatory diseases such as rheumatoid arthritis and SLE.

Standard range: 0.625 - 10 µg/mL
Incubation time: 30/30/20 min
Sensitivity: 0.1 µg/mL

CA 242 ELISA

Cat. No. EIA-4581
The CA-242 is a sialylated carbohydrate antigen present on mucinous type of glycoproteins in carcinomas of many organs. The CA-242 antigen is shedded from the tumor and the CA-242 can be detected in serum from patients with carcinomas. In the normal healthy subjects and subjects with benign diseases, the CA-242 levels are low, while elevated levels are commonly found in patients with gastro-intestinal cancer. By identifying the colo-rectal cancer patients at an early stage of the disease, primary diagnosis, often relies on occult blood testing, and on radiological endoscopic examination of the large bowel. CA-242 with CEA will improve with higher sensitivity for both rectal and colonic cancer. CA-242 is better than CA 19-9 in the diagnosis of pancreatic cancer because of its higher specificity, and it may be useful in the screening of localized or respectable tumors.

Standard range: 5 - 200 U/mL
Incubation time: 120/60/30 min.
Sensitivity: 1 U/mL



Oncology/Tumormarker RIAS

CA 15 IRMA

Cat. No. RIA-4426

No. of Tests: 96
Standard range: 2.86-331 U/mL
Incubation time: 3h
Sensitivity: 0.33 U/mL

CA 72-4 RIA (CT)

Cat. No. RIA-4243

No. of Tests: 96
Standard range: 3-100 U/mL
Incubation time: 4h/overnight
Sensitivity: 0.8 U/mL

CA 19-9 IRMA

Cat. No. RIA-4046

No. of Tests: 100
Standard range: 7.8-1061 U/mL
Incubation time: 1.5 h
Sensitivity: 0.7 U/mL

CYFRA 21-1 IRMA

Cat. No. RIA-3664

No. of Tests: 48
Standard range: 2-60 ng/mL
Incubation time: 20h
Sensitivity: 0.05 ng/mL

PSA RIA (CT)

Cat. No. RIA-3749

No. of Tests: 100
Standard range: 1 - 100 ng/mL
Incubation time: 2h
Sensitivity: 0.04 ng/mL

AFP IRMA

Cat. No. RIA-

No. of Tests: 96
Standard range: 5 - 440 U/ml
Incubation time: 2h
Sensitivity: 0.5 U/ml

NSE IRMA

Cat. No. RIA-4411

No. of Tests: 96
Standard range: 2.5 - 270 ng/mL
Incubation time: 2 h
Sensitivity: 0.19 ng/mL

Free PSA RIA (CT)

Cat. No. RIA-3748

No. of Tests: 50
Standard range: 0.5 - 20 ng/mL
Incubation time: 18h
Sensitivity: 0.02 ng/mL

UBC IRMA

Cat. No. RIA-3029

No. of Tests: 100
Standard range: 1 - 30 µg/L
Incubation time: 2h
Sensitivity: 0.1 µg/L

CA 50 RIA (CT)

Cat. No. RIA-3745 (nur für D)

No. of Tests: 100
Standard range: 5-180 U/mL
Incubation time: 4h
Sensitivity: 0.4 U/mL

CA 125 IRMA

Cat. No. RIA-4438

No. of Tests: 96
Standard range: 4.8 - 786 U/mL
Incubation time: 3 h
Sensitivity: 0.7 U/mL

CHROMOGRANIN A RIA (CT)

Cat. No. RIA-4562

No. of Tests: 100
Standard range: 0.156-5 nmol/L
Incubation time: 26 h
Sensitivity: 0.04 nmol/L

New Tumormarker Rapid Tests

Occult detect - NEW CE

Cat. No. RAP-4236/20 Tests

The Occult Detect Rapid Test is an immuno-chemical device intended for the qualitative detection of Fecal Occult Blood. It is useful to determining gastrointestinal (GI) bleeding found in a number of gastrointestinal disorders, e.g., diverticulitis, colitis, polyps, and colorectal cancer.

Fast (5-10min) and easy!

High sensitivity: 50µg blood/g faeces

Not for Home Use!

The main advantage is that just human haemoglobin is identified by this test.

No diet required before testing !!!

No. of Tests: 20

UBC Rapid Test

New

Used for the semiquantitative determination of Urinary Bladder Cancer Antigen.

No. of Tests: 10 Tests

Incubation time: 5-15 min

Fast and easy!



CEA IRMA

Cat. No. RIA-4384

No. of Tests: 96
Standard range: 2-200 ng/ml
Incubation time: 2 h
Sensitivity: 0.17 ng/ml

Calcitonin IRMA

Cat. No. RIA-3643

No. of Tests: 96
Standard range: 10-1000 pg/ml
Incubation time: 18 h
Sensitivity: 0.8 pg/ml



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