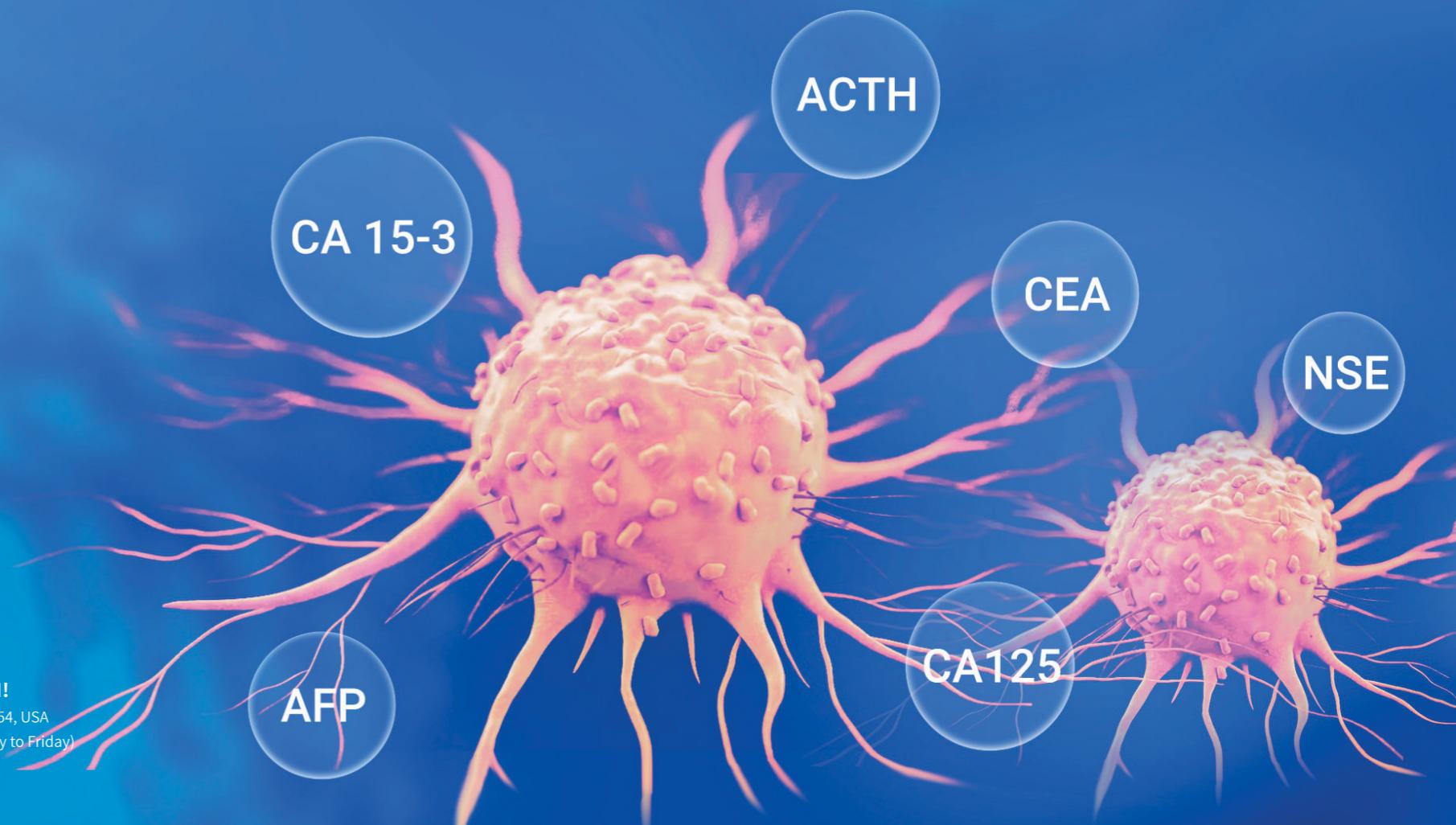


# Tumor Marker Research ELISA Kits



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Tumor markers (TM), produced by cancer cells or other cells, are a group of substances that reflect cancer-related information. They play important roles in early cancer screening, assisting in diagnosis, observing treatment efficacy, monitoring recurrence, and evaluating prognosis. An ideal tumor marker should possess high specificity, strong sensitivity, good stability, easy detection, and close clinical relevance. In recent years, with the development of precision medicine, tumor markers have gained increasing attention. Expanding our understanding of tumor markers can provide more references and support for gaining insights into the mechanisms of tumor development, clinical theories related to diagnosis and treatment, and further exploration of novel tumor markers.

CUSABIO is committed to providing researchers with highly accurate and sensitive tumor marker ELISA kits. These kits cover a variety of common tumor markers such as ACTH, AFP, CEA, hCG, CA 15-3, CA 19-9, CA125, NSE, and more. They enable rapid and quantitative detection of specific tumor markers, facilitating in-depth research into the molecular mechanisms of malignant tumor development and exploration of new tumor treatment strategies. Our kits provide precise and reliable data support for your scientific research, helping you achieve breakthroughs in the field of oncology.

## 1. Overview of Tumor Markers

### 1.1 What Are Tumor Markers?

Tumor marker refers to any substance produced by cancer cells or normal (non-cancer) cells in response to cancer in organisms. In the traditional sense, tumor markers refer to protein or other substances produced by cancer cells. These markers are high in content and can be detected in blood, urine, feces, tumor tissues or other tissues and body fluids of some cancer patients. In addition, gene expression patterns and DNA changes (such as mutations and other changes) can also be used as tumor markers. The results of tumor markers are not usually used for diagnosis alone, but combined with clinical symptoms and imaging research can provide clues for the diagnosis and treatment of cancer.

Some tumor markers provide information about only one specific type of cancer, while others provide information about more than one cancer.

### 1.2 Why Perform Tumor Marker Testing?

**Cancer screening:** Screening for cancer in people with a specific family history of cancer but no symptoms.

**Help diagnose cancer:** Tumor markers can not be used to diagnose cancer alone, but are usually combined with the results of other tests (such as biopsy or imaging) to diagnose cancer.

**Monitor cancer progress and treatment efficacy:** Cancer progress can also be monitored by measuring tumor markers regularly during cancer treatment. For example, a decrease in the level of tumor markers may indicate that the treatment is working, and vice versa.

**Monitor for cancer recurrence:** For some cancers, the increase of specific tumor markers may indicate cancer recurrence after surgery.

**Determine the extent of cancer spread (staging):** Tumor markers may help to determine the staging of cancer, which is very important for choosing the best treatment plan.

**Estimating prognosis:** Verifying the therapeutic effect.

### 1.3 Common Tumor Markers

According to different molecular types, tumor markers can be divided into:

(1) Enzyme or isoenzyme (PSA, PAP, NSE)

(2) Hormones (hCG, ACTH)

(3) Tumor embryonic antigen (AFP, CEA)

(4) Carbohydrates (CA 15-3, CA 19-9, Ca125)

(5) Genes (BRCA1, K-ras)

The table below summarizes some common tumor markers that are closely related to various cancers:

| Tumor maker                     | Cancer types   | Use with Cancer  |
|---------------------------------|--|--|
| Alpha-fetoprotein (AFP)         | Liver cancer, ovarian cancer and testicular cancer   | help diagnose cancer; help stage a cancer; monitor cancer progress and treatment efficacy; monitor for cancer recurrence |
| Beta-2-microglobulin (B2M)      | Multiple myeloma, chronic lymphocytic leukemia, and some lymphomas   | monitor cancer progress and treatment efficacy; estimate prognosis   |
| Carcinoembryonic antigen (CEA)  | Colorectal cancer, lung cancer, gastric cancer, thyroid cancer, pancreatic cancer, breast cancer, and ovarian cancer | monitor cancer progress and treatment efficacy; monitor for cancer recurrence  |
| CA-125                          | Ovarian cancer   | help diagnose cancer; monitor cancer progress and treatment efficacy; monitor for cancer recurrence                      |
| CA 15-3 and CA 27-29            | Breast cancer  | monitor cancer progress and treatment efficacy; monitor for cancer recurrence  |
| CA 19-9                         | Pancreas cancer, gallbladder cancer, cholangiocarcinoma, and gastric cancer  | monitor cancer progress and treatment efficacy   |
| Prostate-specific antigen (PSA) | Prostate cancer  | help diagnose cancer; monitor cancer progress and treatment efficacy; monitor for cancer recurrence                      |
| Thyroglobulin                   | Thyroid cancer   | monitor cancer progress and treatment efficacy; monitor for cancer recurrence  |

## 2. Importance of ELISA in detection of tumor markers

ELISA (Enzyme-Linked Immunosorbent Assay) is a commonly used immunological detection technique that can be employed to detect specific proteins, antibodies, or other molecules in various biological samples. In the context of tumor marker detection, ELISA technology is widely applied and its importance is evident in the following aspects:

- High sensitivity and specificity:** ELISA technology exhibits high sensitivity and specificity in the detection of tumor markers. It can detect very low concentrations of markers while avoiding interference from other substances, thereby providing a fast, accurate, and reliable method for tumor marker detection.
- Diverse sample types:** ELISA technology can be applied to detect tumor markers in samples such as serum, plasma, cell culture supernatant, tissue homogenates, etc., accommodating the diverse biological distribution characteristics of different tumor markers.
- Quantitative and semi-quantitative analysis:** ELISA technology enables the quantitative measurement of tumor marker concentrations, aiding researchers in understanding the expression levels of markers under different conditions. It can also be used for semi-quantitative analysis, facilitating the comparison of relative differences between samples.
- High throughput and ease of operation:** ELISA technology is characterized by its simplicity, allowing for the simultaneous detection of multiple samples and enhancing experimental efficiency.
- Disease research and mechanistic insights:** ELISA technology plays a crucial role in unraveling the mechanisms of tumor development and investigating the associations between markers and diseases. It provides researchers with a valuable tool for gaining in-depth understanding of tumor biology.

## 3. CUSABIO Tumor Marker ELISA Kits

| Code        | Product Name  | Detection Range        | Target |
|-------------|---|------------------------|--------|
| CSB-E06873h | Human adrenocorticotrophic hormone (ACTH) ELISA kit | 12.5 pg/mL-200 pg/mL   | ACTH   |
| CSB-E06874m | Mouse adrenocorticotrophic hormone (ACTH) ELISA kit | 18.75 pg/mL-1200 pg/mL | ACTH   |

| Code           | Product Name   | Detection Range                 | Target  |
|----------------|--|---------------------------------|---------|
| CSB-E06875r    | Rat adrenocorticotrophic hormone (ACTH) ELISA kit                                  | 1.25 pg/mL-50 pg/mL             | ACTH    |
| CSB-E12944p    | Pig adrenocorticotrophic hormone (ACTH) ELISA kit                                  | 6.25 pg/mL-100 pg/mL            | ACTH    |
| CSB-E14322B    | Bovine adrenocorticotrophic hormone (ACTH) ELISA kit                               | 0.12 pg/mL-500 pg/mL            | ACTH    |
| CSB-E14373C    | Chicken adrenocorticotrophic hormone (ACTH) ELISA kit                              | 0.25 pg/mL-50 pg/mL             | ACTH    |
| CSB-E15926Fh   | Fish adrenocorticotrophic hormone (ACTH) ELISA kit                                 | 75 pg/mL-1200 pg/mL             | ACTH    |
| CSB-EQ027618SH | Sheep adrenocorticotrophic hormone (ACTH) ELISA kit                                | 0.097 pg/mL-400 pg/mL           | ACTH    |
| CSB-E04770h    | Human Alpha-fetoprotein,AFP ELISA Kit  | 1.563 ng/mL-100 ng/mL           | AFP     |
| CSB-E08282m    | Mouse Alpha-fetoprotein,AFP ELISA Kit  | 1.23 ng/ml-900 ng/ml.           | AFP     |
| CSB-E08281r    | Rat Alpha-fetoprotein,AFP ELISA Kit  | 15.6 pg/mL-1000 pg/mL           | AFP     |
| CSB-EL001421PI | Pig Alpha-fetoprotein(AFP) ELISA kit   | 3.12 ng/mL-200 ng/mL            | AFP     |
| CSB-E09058h    | Human alpha-fetoprotein Lens culinaris agglutinin 3,AFP-L3 ELISA Kit               | 0.312 ng/mL-20 ng/mL            | AFP-L3  |
| CSB-E09160h    | Human Placental alkaline phosphatase,PLAP ELISA Kit                                | 84 pg/mL-2000 pg/mL             | ALPP    |
| CSB-E04883h    | Human $\beta$ 2-microglobulin,BMG/ $\beta$ 2-MG ELISA Kit                          | 0.039 $\mu$ g/mL-10 $\mu$ g/mL  | B2M     |
| CSB-E11298r    | Rat $\beta$ 2-microglobulin,BMG/ $\beta$ 2-MG ELISA Kit                            | 0.156 $\mu$ g/mL-10 $\mu$ g/mL  | B2M     |
| CSB-E13053m    | Mouse $\beta$ 2-microglobulin,BMG/ $\beta$ 2-MG ELISA Kit                          | 0.156 $\mu$ g/ml-10 $\mu$ g/ml. | B2M     |
| CSB-E13768c    | Dog $\beta$ 2-microglobulin,BMG/ $\beta$ 2-MG ELISA Kit                            | 0.78 $\mu$ g/mL-50 $\mu$ g/mL   | B2M     |
| CSB-E08853h    | Human B-cell leukemia/lymphoma 2,Bcl-2 ELISA Kit                                   | 0.9 ng/mL-60 ng/mL              | BCL2    |
| CSB-E08854r    | Rat B-cell CLL/lymphoma 2 (BCL2) ELISA kit   | 0.312 ng/mL-20 ng/mL            | BCL2    |
| CSB-E08855m    | Mouse B-cell leukemia/lymphoma 2,Bcl-2 ELISA Kit                                   | 15.6 pg/mL-1000 pg/mL           | BCL2    |
| CSB-EL002612HU | Human Bcl-2-related protein A1(BCL2A1) ELISA kit                                   | 31.25 pg/mL-2000 pg/mL          | BCL2A1  |
| CSB-E13604r    | Rat Bcl-2-like protein 1(Bcl2-L-1/Bcl-X)ELISA Kit                                  | 46.88 pg/mL-3000 pg/mL          | BCL2L1  |
| CSB-EL002613HU | Human Bcl-2-like protein 1(BCL2L1) ELISA kit                                       | 0.625 ng/mL-40 ng/mL            | BCL2L1  |
| CSB-EL002615HU | Human Bcl-2-like protein 11(BCL2L11) ELISA kit                                     | 23.44 pg/mL-1500 pg/mL          | BCL2L11 |
| CSB-E08926h    | Human Bladder tumor antigen,BTA ELISA Kit  | 0.312 ng/mL-20 ng/mL            | BTA     |
| CSB-E04771h    | Human Carbonhydrate Antigen 125(CA125) ELISA Kit                                   | /                               | CA125   |
| CSB-E04772h    | Human mammary carcinoma marker CA15-3 (CA15-3) ELISA kit                           | 15 U/mL - 250 U/mL              | CA15-3  |
| CSB-E04773h    | Human carbohydrate antigen 19-9 (CA19-9) ELISA kit                                 | 10 U/mL-150 U/mL                | CA19-9  |
| CSB-EL004925HU | Human Myeloid cell surface antigen CD33( CD33) ELISA kit                           | 125 pg/mL-8000 pg/mL            | CD33    |
| CSB-E13926r    | Rat Carcinoembryonic Antigen,CEA ELISA Kit   | 0.312 ng/mL-20 ng/mL            | CEA     |
| CSB-EL005157HU | Human Carcinoembryonic antigen-related cell adhesion molecule 1(CEACAM1) ELISA kit | 0.78 ng/mL-50 ng/mL             | CEACAM1 |

| Code           | Product Name  | Detection Range        | Target        |
|----------------|---|------------------------|---------------|
| CSB-E04767h    | Human carcinoembryonic antigen,CEA ELISA Kit  | 5 ng/mL-120 ng/mL      | CEACAM5       |
| CSB-E13925m    | Mouse carcinoembryonic antigen,CEA ELISA Kit  | 62.5 pg/mL-4000 pg/mL  | CEACAM5       |
| CSB-EL005166HU | Human Carcinoembryonic antigen-related cell adhesion molecule 6(CEACAM6) ELISA kit  | 0.83 ng/mL-20 ng/mL    | CEACAM6       |
| CSB-EL005168HU | Human Carcinoembryonic antigen-related cell adhesion molecule 8(CEACAM8) ELISA kit  | 0.625 ng/mL-40 ng/mL   | CEACAM8       |
| CSB-E11224h    | Human Cross-linked Carboxy-terminal telopeptide of type I collagen, CTX-I ELISA Kit | 0.625 ng/mL-40 ng/mL   | CTX-I         |
| CSB-E09606h    | Human cytokeratin fragment antigen 21-1,CYFRA21-1 ELISA Kit                         | 0.312 ng/mL-20 ng/mL   | CYFRA21-1     |
| CSB-E12124h    | Human epidermal growth factor receptor,EGFR ELISA Kit                               | 0.312 ng/mL-20 ng/mL   | EGFR          |
| CSB-E07961h    | Human Neuron-specific enolase,NSE ELISA Kit   | 0.78 ng/mL-50 ng/mL    | ENO2          |
| CSB-E07962m    | Mouse Neuron-specific enolase,NSE ELISA Kit   | 1.56 ng/mL-100 ng/mL   | ENO2          |
| CSB-E07963r    | Rat Neuron-specific enolase,NSE ELISA Kit   | 0.625 ng/mL-40 ng/mL   | ENO2          |
| CSB-EQ027778MO | Mouse alpha-enolase (ENO1) antibody (IgG) ELISA kit                                 | /                      | ENO2 Ab (IgG) |
| CSB-E06848r    | rat Estradiol receptor,ER ELISA Kit   | 31.25 pg/mL-2000 pg/mL | ESR1          |
| CSB-E08652h    | Human Estradiol receptor,ER ELISA Kit   | 3.12 pg/mL-200 pg/mL   | ESR1          |
| CSB-E04556h    | Human FMS-like tyrosine kinase 3,Flt3 ELISA Kit                                     | 62.5 pg/mL-4000 pg/mL  | FLT3          |
| CSB-E04554h    | Human FMS-like tyrosine kinase 3 ligand,Flt-3L ELISA Kit                            | 7.8 pg/mL-500 pg/mL    | FLT3LG        |
| CSB-E04555m    | Mouse FMS-like tyrosine kinase 3 ligand,Flt-3L ELISA Kit                            | 15.6 pg/mL-1000 pg/mL  | FLT3LG        |
| CSB-E13277G    | Goat follicle-stimulating hormone,FSH ELISA Kit                                     | 20 mIU/mL-800 mIU/mL   | FSHB          |
| CSB-E08601h    | Human glial fibrillary acidic protein,GFAP ELISA Kit                                | 0.625 ng/mL-40 ng/mL   | GFAP          |
| CSB-E08602r    | Rat glial fibrillary acidic protein,GFAP ELISA Kit                                  | 78 pg/mL-5000 pg/mL    | GFAP          |
| CSB-E08603m    | Mouse glial fibrillary acidic protein,GFAP ELISA Kit                                | 3.12 pg/mL-200 pg/mL   | GFAP          |
| CSB-E14950p    | Pig glial fibrillary acidic protein,GFAP ELISA Kit                                  | 0.1 ng/mL-20 ng/mL     | GFAP          |
| CSB-EQ027671HU | Human anti glial fibrillary acidic protein (GFAP) autoantibody ELISA kit            | /                      | GFAP auto-Ab  |
| CSB-E11333h    | Human Glycan-3,GPC-3 ELISA Kit  | 0.625 ng/mL-40 ng/mL   | GPC3          |
| CSB-E15877m    | Mouse Glycan-3(GPC-3)ELISA Kit  | 3.12 ng/mL-200 ng/mL   | GPC3          |
| CSB-EL009705RA | Rat Glycan-3(GPC3) ELISA kit  | 15.6 pg/mL-1000 pg/mL  | GPC3          |
| CSB-E05060h    | Human Chorionic Gonadotrophin,HCG ELISA Kit   | 8 mIU/mL-240 mIU/mL    | hCG           |
| CSB-E15803h    | Human Hyperglycosylated Chorionic Gonadotropin(hCG) ELISA Kit                       | 0.67 mIU/mL-20 mIU/mL  | hCG           |
| CSB-EL012493HU | Human GTPase KRas(KRAS) ELISA kit   | 23.5 pg/mL-1500 pg/mL  | KRAS          |
| CSB-E11324r    | Rat L-Lactate Dehydrogenase,L-LDH ELISA Kit   | 39 mU/mL-2500 mU/mL    | LDHA          |
| CSB-E17733m    | Mouse L-lactate dehydrogenase A chain(LDH-A)ELISA Kit                               | 0.156 mU/mL-10 mU/mL   | LDHA          |

| Code           | Product Name  | Detection Range          | Target   |
|----------------|---|--------------------------|----------|
| CSB-E17850h    | Human lactate dehydrogenase A (LDHA) ELISA kit                                | 31.25 mU/mL-2000 mU/mL   | LDHA     |
| CSB-EL012841HU | Human L-lactate dehydrogenase B chain(LDHB) ELISA kit                         | 23.5 mU/mL-1500 mU/mL    | LDHB     |
| CSB-E11720h    | Human D-Lactate Dehydrogenase,D-LDH ELISA Kit                                 | 31.25 mIU/mL-2000 mIU/mL | LDHD     |
| CSB-E11723m    | Mouse D-Lactate Dehydrogenase,D-LDH ELISA Kit                                 | 4.69 mU/mL-300 mU/mL     | LDHD     |
| CSB-E09260h    | Human c-myc Oncogene product,c-myc ELISA Kit                                  | 0.312 ng/mL-20 ng/mL     | MYC      |
| CSB-EL015278HU | Human N-myc proto-oncogene protein(MYCN) ELISA kit                            | 15.6 pg/mL-1000 pg/mL    | MYCN     |
| CSB-E11747h    | Human myeloid differentiation factor 88, MyD88 ELISA Kit                      | 0.312ng/mL-20ng/mL       | MYD88    |
| CSB-E12109m    | Mouse myeloid differentiation factor 88, MyD88 ELISA Kit                      | 47 pg/mL-3000 pg/mL      | MYD88    |
| CSB-E14065p    | Pig Neuron-specific enolase,NSE ELISA Kit                                     | 0.78 ng/mL-50 ng/mL      | NSE      |
| CSB-E11226h    | Human procollagen I N-terminal peptide,P I NP ELISA Kit                       | 18.75 pg/mL-1200 pg/mL   | P I NP   |
| CSB-E12774r    | Rat procollagen I N-terminal peptide,P I NP ELISA Kit                         | 62.5 pg/mL-4000 pg/mL    | P I NP   |
| CSB-E12775m    | Mouse procollagen I N-terminal peptide,P I NP ELISA Kit                       | 4.7 pg/mL-300 pg/mL      | P I NP   |
| CSB-E17085Rb   | Rabbit procollagen I N-terminal peptide(P I NP)ELISA Kit                      | 0.78 ng/mL-50 ng/mL      | P I NP   |
| CSB-E09214h    | Human progesterone receptor,PGR ELISA Kit                                     | /                        | PGR      |
| CSB-EL017876HU | Human Membrane-associated progesterone receptor component 1(PGRMC1) ELISA kit | 47 pg/mL-3000 pg/mL      | PGRMC1   |
| CSB-E15049h    | Human programulin(PGRN) ELISA Kit   | 4.7 ng/mL-300 ng/mL      | PGRN     |
| CSB-E06883h    | Human Prolactin/Luteotropic Hormone(PRL/LTH) ELISA Kit                        | 40 μIU/mL-2000 μIU/mL    | PRL      |
| CSB-E06881r    | Rat prolactin,PRL ELISA Kit   | 0.125 ng/mL-50 ng/mL     | PRL      |
| CSB-E06882m    | Mouse Prolactin/Luteotropic Hormone(PRL/LTH) ELISA Kit                        | 0.8 ng/mL-28 ng/mL       | PRL      |
| CSB-E13161Sh   | Sheep Prolactin/Luteotropic Hormone(PRL/LTH) ELISA Kit                        | 5 μIU/mL-2000 μIU/mL     | PRL      |
| CSB-E14002B    | Bovine Prolactin/Luteotropic Hormone(PRL/LTH) ELISA Kit                       | 20 μIU/mL-8000 μIU/mL    | PRL      |
| CSB-E15801p    | Pig prolactin (PRL) ELISA Kit   | 0.78 ng/ml-50 ng/ml.     | PRL      |
| CSB-EL018724HO | Horse Prolactin(PRL) ELISA kit  | 2.5 ng/mL-1000 ng/mL     | PRL      |
| CSB-E12695Fh   | Fish Prolactin/Luteotropic Hormone(PRL/LTH) ELISA Kit                         | 10 μIU/mL-4000 μIU/mL    | PRL/LTH  |
| CSB-E14930c    | Canine Prolactin/Luteotropic Hormone(PRL/LTH) ELISA Kit                       | 7.5 μIU/mL-3000 μIU/mL   | PRL/LTH  |
| CSB-E09127h    | Human pro-gastrin-releasing peptide, ProGRP ELISA Kit                         | 18.75 pg/mL-1200 pg/mL   | ProGRP   |
| CSB-E04768h    | Human prostate specific antigen,PSA ELISA Kit                                 | 0.312 ng/mL-20 ng/mL     | PSA      |
| CSB-E08275r    | Rat Glandular kallikrein-3,Klk3 ELISA Kit                                     | 0.78 pg/ml-50 pg/ml.     | PSA      |
| CSB-E12837h    | human prosaposin(PSAP)Elisa kit   | 0.041 ng/ml-30 ng/ml.    | PSAP     |
| CSB-E09381h    | Human squamous cell carcinoma antigen 1 (SCCAg1) ELISA kit                    | 0.625 ng/ml-40 ng/ml     | SERPINB3 |

| Code           | Product Name  | Detection Range        | Target        |
|----------------|---|------------------------|---------------|
| CSB-E07946h    | Human plasminogen activator inhibitor 1,PAI-1 ELISA Kit                 | 3.125 ng/mL-200 ng/mL  | SERPINE1      |
| CSB-E07948r    | Rat plasminogen activator inhibitor 1,PAI1 ELISA Kit                    | 78 pg/ml-5000 pg/ml    | SERPINE1      |
| CSB-E06534p    | Pig plasminogen activator inhibitor 1,PAI-1 ELISA Kit                   | 0.312 ng/mL-20 ng/mL   | SERPINE1      |
| CSB-E07947m    | Mouse plasminogen activator inhibitor 1,PAI-1 ELISA Kit                 | 0.9 ng/mL-60 ng/mL     | SERPINE1      |
| CSB-E04990h    | Human Thyroglobulin,TG ELISA Kit  | 6.25 ng/ml- 400 ng/ml  | TG            |
| CSB-E08240r    | Rat Thyroglobulin,TG ELISA Kit  | 10 ng/mL-160 ng/mL     | TG            |
| CSB-E08241m    | Mouse Thyroglobulin,TG ELISA Kit  | 10 ng/mL-160 ng/mL     | TG            |
| CSB-E09543m    | Mouse anti-thyroid-globulin antibody,TGAB ELISA Kit                     | 1.25 U/mL-20 U/mL      | TG Ab         |
| CSB-E04724h    | Human transforming growth factor α,TGF-α ELISA Kit                      | 62.5 pg/mL-4000 pg/mL  | TGFA          |
| CSB-E07289r    | Rat transforming growth factor α,TGF-α ELISA Kit                        | 7.8 pg/ml-500pg/ml     | TGFA          |
| CSB-E07290m    | Mouse transforming growth factor α,TGF-α ELISA Kit                      | 12.5 pg/mL-800 pg/mL   | TGFA          |
| CSB-E04725h    | Human Transforming Growth factor β1,TGF-β1 ELISA kit                    | 0.78 ng/mL-50 ng/mL    | TGFB1         |
| CSB-E04796c    | Dog Transforming growth factor β1,TGF-β1 ELISA Kit                      | 0.781 ng/ml - 50 ng/ml | TGFB1         |
| CSB-E04726m    | Mouse Transforming Growth factor β1,TGF-β1 ELISA kit                    | 0.78 ng/mL-50 ng/mL    | TGFB1         |
| CSB-E04727r    | Rat Transforming Growth Factor β1(TGF-β1) ELISA kit                     | 6.25 pg/mL-400 pg/mL   | TGFB1         |
| CSB-E06843p    | Pig transforming growth factor β1(TGF-β1)ELISA Kit                      | 0.78 ng/mL-50 ng/mL    | TGFB1         |
| CSB-E09875Ch   | Chicken Transforming Growth factor β1,TGF-β1 ELISA kit                  | 0.312 ng/mL-20 ng/mL   | TGFB1         |
| CSB-E14208B    | Bovine transforming growth factor β1,TGF-β1 ELISA Kit                   | 6.25 ng/mL-400 ng/mL   | TGFB1         |
| CSB-EL023446FI | Fish transforming growth factor, beta 1 (TGFB1) ELISA kit               | 6.25 ng/mL-400 ng/mL   | TGFB1         |
| CSB-EL023446HO | Horse Transforming growth factor beta-1(TGFB1) ELISA kit                | 3.12 pg/mL-200 pg/mL   | TGFB1         |
| CSB-EL023446SH | Sheep Transforming growth factor beta-1(TGFB1) ELISA kit                | 15.6 ng/mL-1000 ng/mL  | TGFB1         |
| CSB-EQ027985HU | Human Transforming growth factor beta-1(TGFB1) autoantibody ELISA kit   | /                      | TGFB1 auto-Ab |
| CSB-E09783h    | Human transforming growth factors β2,TGFβ2 ELISA Kit                    | /                      | TGFB2         |
| CSB-E09785m    | Mouse transforming growth factorβ2,TGFβ2 ELISA Kit                      | 1.56 pg/mL-100 pg/mL   | TGFB2         |
| CSB-E12111r    | Rat Transforming Growth factor β2,TGF-β2 ELISA kit                      | 15.6 pg/mL-1000 pg/mL  | TGFB2         |
| CSB-E14209B    | Bovine transforming growth factors β2,TGFβ2 ELISA Kit                   | 6.25 ng/mL-100 ng/mL   | TGFB2         |
| CSB-EQ027984HU | Human transforming growth factor, beta 2 (TGFB2) autoantibody ELISA kit | /                      | TGFB2 auto-Ab |
| CSB-E12862m    | Mouse Transforming Growth factor β3,TGF-β3 ELISA kit                    | 125 pg/mL-8000 pg/mL   | TGFB3         |
| CSB-E13738h    | Human Transforming Growth factor β3,TGF-β3 ELISA kit                    | 15.6 pg/mL-1000 pg/mL  | TGFB3         |
| CSB-E05114h    | Human Thyroid Stimulating Hormone,TSH ELISA Kit                         | 0.3 uIU/mL-12 uIU/mL   | TSH           |

| Code           | Product Name                                      | Detection Range                  | Target |
|----------------|---|----------------------------------|--------|
| CSB-E05115r    | Rat Thyroid Stimulating Hormone,TSH ELISA Kit     | 0.6 $\mu$ IU/mL-24 $\mu$ IU/mL   | TSH    |
| CSB-E05116m    | Mouse Thyroid Stimulating Hormone,TSH ELISA Kit   | 0.3 $\mu$ IU/ml-12 $\mu$ IU/ml   | TSH    |
| CSB-E06916Rb   | Rabbit Thyroid Stimulating Hormone,TSH ELISA Kit  | 0.5 $\mu$ IU/mL-20 $\mu$ IU/mL   | TSH    |
| CSB-E12959c    | Canine Thyroid Stimulating Hormone,TSH ELISA Kit  | 0.625 $\mu$ IU/mL-10 $\mu$ IU/mL | TSH    |
| CSB-E13719p    | Pig Thyroid Stimulating Hormone,TSH ELISA Kit     | 0.6 $\mu$ IU/mL-24 $\mu$ IU/mL   | TSH    |
| CSB-E17548B    | Bovine Thyroid Stimulating Hormone(TSH) ELISA Kit | 0.9 $\mu$ IU/mL-60 $\mu$ IU/mL   | TSH    |
| CSB-EQ027261FI | Fish thyroid stimulating hormone(TSH) ELISA Kit   | 2.5 $\mu$ IU/mL-40 $\mu$ IU/mL   | TSH    |
| CSB-EQ027364MK | Monkey thyroid stimulating hormone(TSH) ELISA kit | 0.3 $\mu$ IU/mL-12 $\mu$ IU/mL   | TSH    |