

2 DEVICES

70+ TESTS

ECL-25 & ECL-100 are fully automated, random-access chemiluminescent immunoassay systems offering an all-in-one solution for both niche & routine clinical laboratory tests in the following areas:



Tumor Markers



Endocrine Markers



Gastrointestinal Markers



Thyroid Markers



Bone Markers



Reproductive Hormones



Anemia Markers



Cardiac Markers



TEST MENU HIGHLIGHTS

- Fecal Calprotectin
- Fecal Pancreatic Elastase-1
- Fecal Quantitative Occult Blood
- Fecal *H. pylori* Antigen
- Fecal *C. difficile* GDH
- Fecal *C. difficile* Toxin A & Toxin B
- Fecal *Giardia lamblia* Antigen
- Fecal *Cryptosporidium parvum* Antigen
- Chromogranin A
- Human Epididymis Protein 4
- CA242, CA50, CA 72-4
- 25-OH-Vitamin D2/3
- Carboxylated Osteocalcin
- Vitamin B12
- Folate
- Ferritin

ECL100 and ECL25 are IVDR CE Certified and US FDA registered.

Test Menu

Epitope Diagnostics, Inc. offers quality and easy-to-use immunoassay diagnostic tests in an extensive portfolio of products to fulfill patient-care needs.

GASTROINTESTINAL

- Calprotectin (CP)
- Pancreatic Elastase 1
- Quantitative Fecal Occult Blood (qFOB)
- H.pylori Antigen
- C.difficile GDH
- C. difficile Toxin A+B
- C.difficile Toxin A
- C.difficile Toxin B
- Giardia lamblia Antigen
- Cryptosporidium parvum Antigen
- Tissue Transglutaminase Antibody, IgA
- Pepsinogen I (PGI)
- Pepsinogen II (PGII)
- Gastrin 17 (G17)

BONE AND DIABETES

- 25-Hydroxy Vitamin D (25-OH-D)
- Free 25-Hydroxy Vitamin D*
- Carboxylated Osteocalcin (1-43/49)
- Growth Hormone (GH)
- C-peptide
- Insulin

REPRODUCTIVE HORMONES

- Testosterone
- Progesterone
- Estradiol (E2)
- Prolactin (PRL)
- 17-OH-Progesterone*
- Anti-Müllerian Hormone (AMH)
- HCG and β -subunit (HCG)
- Follicle Stimulating Hormone (FSH)
- Luteinizing Hormone (LH)
- Inhibin B*

THYROIDS

- Thyroid Stimulating Hormone (TSH)
- Free Thyroxine (FT4)
- Free Triiodothyronine (FT3)
- Total Thyroxine (Total T4)
- TSH Receptor*
- Total Triiodothyronine (Total T3)
- Thyroglobulin (Tg)
- Anti-thyroid peroxidase antibody (Anti-TPO)
- Anti-Thyroglobulin Antibody (Anti-Tg)



CE IVD

ANEMIA

- Vitamin B12
- Folate
- Ferritin

TUMOR

- Alphafetoprotein (AFP)
- Cancer Antigen 72-4 (CA72-4)
- Carcinoembryonic Antigen (CEA)
- Squamous cell Carcinoma antigen (SCC)
- Cytokeratin fragment 19 (CYFRA21-1)
- Epididymal protein 4 (HE4)
- Neuron-specific enolase (NSE)
- Cancer Antigen 125 (CA-125)
- Pro-Gastrin-Releasing Peptide (ProGRP)
- Cancer Antigen 15-3 (CA15-3)
- Carbohydrate Antigen 19-9 (CA19-9)
- Cancer Antigen 50 (CA 50)
- Cancer Antigen 242 (CA 242)
- Chromogranin A (CgA)

CARDIAC

- High-sensitivity Cardiac Troponin T (hs-cTn T)
- Myoglobin determination (MB)
- Creatine kinase-MB (CK-MB)
- D-Dimer
- N-terminal pro brain natriuretic peptide (NT-PROBNP)

Alzheimer Disease

- Total Tau*
- p-Tau 181*
- β -Amyloid (1-40)*
- β -Amyloid (1-42)*

OTHER MARKERS

- Procalcitonin (PCT)

* test in development



INSTRUMENT SPECIFICATIONS

INNOVATIVE SOLUTIONS AND EFFICIENT WORKFLOW. IN ONE COMPACT BENCHTOP SYSTEM.

| OVERVIEW | ECL25 | ECL100 |
|---------------------------------|----------------------------------|----------------------------------|
| <i>System Description</i> | Random access immunoassay system | Random access immunoassay system |
| <i>Throughput</i> | 120T/H | 180T/H |
| <i>Time to First Result</i> | Assay dependent | Assay dependent |
| <i>Onboard Reagent Capacity</i> | 10 assays | 9 assays |

| DIMENSIONS | | |
|---------------------------|------------------------|------------------------|
| <i>Dimension</i> | 430(W)×680(D)×620(H)mm | 750(W)×900(D)×500(H)mm |
| <i>Weight</i> | ≤62 kg | 92 kg |
| <i>Power Requirements</i> | 100-240 V,50/60 Hz | 100-240 V,50/60 Hz |
| <i>Power Input</i> | 850 VA | 500 VA |

| SAMPLE REQUIREMENTS | | |
|---------------------------|----------------------|----------------------|
| <i>Sample Type</i> | Serum, Plasma, stool | Serum, Plasma, stool |
| <i>Sample Capacity</i> | 30 positions | 40 positions |
| <i>Sample Loading</i> | Continuous | Continuous |
| <i>Sample Dead Volume</i> | 100µL | 100µL |

| Reaction System | | |
|------------------------------|---------------------------|---------------------------|
| <i>Reaction Volume/Test:</i> | ≤400µL | ≤400µL |
| <i>Reaction Disk:</i> | 52 positions | 78 positions |
| <i>Reaction Temperature:</i> | 37±0.3 °C | 37±0.3 °C |
| <i>Reaction Time:</i> | Depending on assays | Depending on assays |
| <i>Reaction Mixing:</i> | Non-touch vortex mixing | Non-touch vortex mixing |
| <i>Sample Dilution:</i> | Automatic Inline dilution | Automatic Inline dilution |



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