



# IMMUNOASSAYS CLIA, ELISA & TORCH

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## Primary Diagnostics Innovation

**Biorex Diagnostics is a well-established IVD manufacturer based in the United Kingdom supplying products to over 100 countries worldwide. We have been providing our distributors and end users with high quality products for over 20 years.**



**Our proven product performance**, matched with our selection of reputable distribution partners, has been instrumental in our continued success and growth. Built on a culture of quality and performance, we are committed to providing our customers with a reliable service and results they can trust.



**Our ISO 13485:2016 certification** for the design, development, manufacturing and distribution of in vitro diagnostics medical reagents and instrumentation endorses our product range and ensures that the highest quality standards are constantly maintained.



**Through our global distribution network** we provide highly accurate medical testing solutions to immunology, haematology and serological laboratories in hospitals, medical centres, clinics, blood banks and research institutions in over 100 international markets.



**Hosting an in-house Research and Development team**, we are committed to creating the next innovative IVD solutions to exceed our customer's requirements and advance the healthcare industry.

## Immunoassays

**Immunoassays are laboratory techniques used to detect and quantify specific molecules, such as proteins, hormones, or antibodies, in a sample. They are based on the principle of antigen-antibody interaction, where an antigen is the substance being measured, and an antibody is a molecule that specifically binds to that antigen.**

Immunoassays are critical tools in modern biomedical research and clinical diagnostics, offering robust and reliable methods for analyzing complex biological samples. Biorex Diagnostics have developed a range of Enzyme Linked Immunosorbent Assays (ELISA) and Chemiluminescence immunoassays (CLIA) tests as an effective and highly sensitive range of diagnostics solutions.





# CLIA

**Currently, CLIA is the latest development and the most advanced immunoassay technology on the market.**

Chemiluminescence Immunoassay (CLIA) is a widely used detection method which combines highly sensitive chemiluminescence with highly specific immune response and affinity of antibodies. CLIA is widely used in clinical laboratories for various applications, including hormone assays, tumor marker testing, infectious disease diagnostics, and therapeutic drug monitoring. It offers high sensitivity, specificity, and a wide dynamic range, making it a valuable tool in medical diagnostics.

## Key Features & Benefits

**Chemiluminescence Immunoassay (CLIA) offers several advantages that make it a valuable technique in clinical diagnostics and research:**



**High Sensitivity:** CLIA is the most sensitive method among immunoassay technologies.



**High Linearity:** This is crucial for ensuring the accuracy of results. The high linearity of CLIA assays makes them suitable for quantitative analysis.



**No protein quenching problem:** Minimizes the impact of interfering proteins while preserving the specificity and sensitivity of the assay.



**Fast incubation:** Hence reduced assay time making CLIA more efficient and suitable for high-throughput testing environments, such as clinical laboratories.

## Ordering Information

| Category           | Description  | Cat No.  | Size          |
|--------------------|--------------|----------|---------------|
| Infectious Disease | HAV Ab       | BXL0101A | 100 Tests/Kit |
|                    | HAV IgM      | BXL0102A | 100 Tests/Kit |
|                    | HBsAg        | BXL0103A | 100 Tests/Kit |
|                    | HBsAb        | BXL0104A | 100 Tests/Kit |
|                    | HBeAg        | BXL0105A | 100 Tests/Kit |
|                    | HBeAb        | BXL0106A | 100 Tests/Kit |
|                    | HBcAb        | BXL0107A | 100 Tests/Kit |
|                    | HBeAg QN     | BXL0108A | 100 Tests/Kit |
|                    | Anti-HBe QN  | BXL0109A | 100 Tests/Kit |
|                    | Anti-HBc QN  | BXL0110A | 100 Tests/Kit |
|                    | HBsAg HQ     | BXL0111A | 100 Tests/Kit |
|                    | HBcAb HQ     | BXL0112A | 100 Tests/Kit |
|                    | Anti-HBc IgM | BXL0113A | 100 Tests/Kit |
|                    | HBV PreS1    | BXL0114A | 100 Tests/Kit |
|                    | HCV Ab       | BXL0115A | 100 Tests/Kit |
|                    | HIV Ag/Ab    | BXL0116A | 100 Tests/Kit |
|                    | TP Ab        | BXL0117A | 100 Tests/Kit |
|                    | HDV IgM      | BXL0118A | 100 Tests/Kit |
|                    | HDV IgG      | BXL0119A | 100 Tests/Kit |
|                    | HEV IgM      | BXL0120A | 100 Tests/Kit |
|                    | HEV IgG      | BXL0121A | 100 Tests/Kit |



| Category                  | Description           | Cat No.                           | Size          |               |
|---------------------------|-----------------------|-----------------------------------|---------------|---------------|
| <b>Infectious Disease</b> | EBV EBNA1 IgA         | BXL0122A                          | 100 Tests/Kit |               |
|                           | EBV VCA IgA           | BXL0123A                          | 100 Tests/Kit |               |
|                           | EBV Zta IgA           | BXL0124A                          | 100 Tests/Kit |               |
|                           | Tuberculosis (TB)     | BXL0125A                          | 20 Tests/Kit  |               |
|                           | SARS-CoV-2 Ab         | BXL0126A                          | 100 Tests/Kit |               |
|                           | SARS-CoV-2 IgG        | BXL0127A                          | 100 Tests/Kit |               |
|                           | SARS-CoV-2 IgM        | BXL0128A                          | 100 Tests/Kit |               |
|                           | <b>Tumour Marker</b>  | Alpha Feto Protein (AFP)          | BXL0129A      | 100 Tests/Kit |
|                           |                       | Ceruloplasmin (CEA)               | BXL0130A      | 100 Tests/Kit |
|                           |                       | Free PSA (f-PSA)                  | BXL0131A      | 100 Tests/Kit |
| Total PSA (t-PSA)         |                       | BXL0132A                          | 100 Tests/Kit |               |
| c-PSA                     |                       | BXL0133A                          | 100 Tests/Kit |               |
| CA125                     |                       | BXL0134A                          | 100 Tests/Kit |               |
| CA15-3                    |                       | BXL0135A                          | 100 Tests/Kit |               |
| CA19-9                    |                       | BXL0136A                          | 100 Tests/Kit |               |
| CA72-4                    |                       | BXL0137A                          | 100 Tests/Kit |               |
| CA50                      |                       | BXL0138A                          | 100 Tests/Kit |               |
| CA242                     |                       | BXL0139A                          | 100 Tests/Kit |               |
| Cy21-1                    |                       | BXL0140A                          | 100 Tests/Kit |               |
| NSE                       |                       | BXL0141A                          | 100 Tests/Kit |               |
| SCC                       |                       | BXL0142A                          | 100 Tests/Kit |               |
| HE4                       |                       | BXL0143A                          | 100 Tests/Kit |               |
| β2-MG                     |                       | BXL0144A                          | 100 Tests/Kit |               |
| PGI                       |                       | BXL0145A                          | 100 Tests/Kit |               |
| PGII                      |                       | BXL0146A                          | 100 Tests/Kit |               |
| ProGRP                    |                       | BXL0147A                          | 100 Tests/Kit |               |
| CT                        |                       | BXL0148A                          | 100 Tests/Kit |               |
| GI7                       |                       | BXL0149A                          | 100 Tests/Kit |               |
| <b>Thyroid</b>            |                       | TOTAL-T3 (TT3)                    | BXL0150A      | 100 Tests/Kit |
|                           |                       | TOTAL-T4 (TT4)                    | BXL0151A      | 100 Tests/Kit |
|                           |                       | Thyroid Stimulating Hormone (TSH) | BXL0152A      | 100 Tests/Kit |
|                           |                       | FREE-T3 (FT3)                     | BXL0153A      | 100 Tests/Kit |
|                           | FREE-T4 (FT4)         | BXL0154A                          | 100 Tests/Kit |               |
|                           | TG-Ab                 | BXL0155A                          | 100 Tests/Kit |               |
|                           | TPO-Ab                | BXL0156A                          | 100 Tests/Kit |               |
|                           | TG                    | BXL0157A                          | 100 Tests/Kit |               |
|                           | TRAb                  | BXL0158A                          | 100 Tests/Kit |               |
|                           | <b>Cardiac Marker</b> | CK-MB                             | BXL0159A      | 100 Tests/Kit |
| cTnT                      |                       | BXL0160A                          | 100 Tests/Kit |               |
| cTnI                      |                       | BXL0161A                          | 100 Tests/Kit |               |
| Myo                       |                       | BXL0162A                          | 100 Tests/Kit |               |
| Hs-CRP                    |                       | BXL0163A                          | 100 Tests/Kit |               |
| NT-proBNP                 |                       | BXL0164A                          | 100 Tests/Kit |               |
| H-FABP                    |                       | BXL0165A                          | 100 Tests/Kit |               |
| Lp-PLA2                   |                       | BXL0166A                          | 100 Tests/Kit |               |
| CK-MB STAT                |                       | BXL0167A                          | 100 Tests/Kit |               |
| NT-proBNP STAT            |                       | BXL0168A                          | 100 Tests/Kit |               |
| Myo STAT                  |                       | BXL0169A                          | 100 Tests/Kit |               |
| BNP                       |                       | BXL0170A                          | 100 Tests/Kit |               |
| Hs-cTnT STAT              |                       | BXL0171A                          | 100 Tests/Kit |               |

| Category                   | Description                        | Cat No.  | Size                    |
|----------------------------|------------------------------------|----------|-------------------------|
| <b>Diabetes</b>            | C-peptide                          | BXL0172A | 100 Tests/Kit           |
|                            | Insulin                            | BXL0173A | 100 Tests/Kit           |
| <b>Anemia</b>              | Ferritin                           | BXL0174A | 100 Tests/Kit           |
| <b>Bacterial Infection</b> | PCT                                | BXL0175A | 100 Tests/Kit           |
|                            | IL-6                               | BXL0176A | 100 Tests/Kit           |
|                            | SAA                                | BXL0177A | 100 Tests/Kit           |
|                            | PCT STAT                           | BXL0178A | 100 Tests/Kit           |
|                            | IL-6 STAT                          | BXL0179A | 100 Tests/Kit           |
| <b>Renal Function</b>      | NGAL                               | BXL0180A | 100 Tests/Kit           |
| <b>Liver Fibrosis</b>      | HA                                 | BXL0181A | 100 Tests/Kit           |
|                            | PIIINP                             | BXL0182A | 100 Tests/Kit           |
|                            | C IV                               | BXL0183A | 100 Tests/Kit           |
|                            | LN                                 | BXL0184A | 100 Tests/Kit           |
| <b>Hormone</b>             | Anti-Mullerian Hormone (AMH)       | BXL0185A | 100 Tests/Kit           |
|                            | Leutinising Hormone (LH)           | BXL0186A | 100 Tests/Kit           |
|                            | F-β-HCG                            | BXL0187A | 100 Tests/Kit           |
|                            | Prolactin (PRL)                    | BXL0188A | 100 Tests/Kit           |
|                            | T-β-HCG                            | BXL0189A | 100 Tests/Kit           |
|                            | Follicle Stimulating Hormone (FSH) | BXL0190A | 100 Tests/Kit           |
|                            | Estradiol (E2)                     | BXL0191A | 100 Tests/Kit           |
|                            | Testosterone                       | BXL0192A | 100 Tests/Kit           |
|                            | Progesterone                       | BXL0193A | 100 Tests/Kit           |
|                            | HCG STAT (HCG)                     | BXL0194A | 100 Tests/Kit           |
|                            | Prog STAT                          | BXL0195A | 100 Tests/Kit           |
|                            | Human Growth Hormone (hGH)         | BXL0196A | 100 Tests/Kit           |
|                            | Cortisol                           | BXL0197A | 100 Tests/Kit           |
| <b>Others</b>              | iPTH                               | BXL0198A | 100 Tests/Kit           |
|                            | Vitamin-D (25-OH-VD)               | BXL0199A | 100 Tests/Kit           |
| <b>Universal Reagents</b>  | CWS (Concentrated Wash Solution)   | BXL0200A | 500ml/bottle            |
|                            | DU (Diluent Universal)             | BXL0201A | 200ml/bottle            |
|                            | PTS (Pre-Trigger Solution)         | BXL0202A | 200ml/bottle            |
|                            | TS (Trigger Solution)              | BXL0203A | 200ml/bottle            |
| <b>Routine Consumables</b> | Disposable Tips (Bulk)             | BXL0204A | 1000pcs/bag             |
|                            | Reaction Cuvettes (Bulk)           | BXL0205A | 1000pcs/bag             |
|                            | Disposable Tips (Fully-loaded)     | BXL0206A | 96pcs*5levels*8sets/box |
|                            | Reaction Cuvettes (Fully-loaded)   | BXL0207A | 96pcs*5levels*4sets/box |
| <b>Instrument</b>          | CLIA 200 Autoanalyser              | 1 Unit   | CLIA-200                |
|                            | CLIA 100 Autoanalyser              | 1 Unit   | CLIA-100                |



## ELISA

**ELISA stands for Enzyme-Linked Immunosorbent Assay. It is a widely used laboratory technique for detecting and quantifying specific substances, such as proteins, peptides, antibodies, and hormones, in biological samples.**

ELISA is highly sensitive, specific, and adaptable to a wide range of applications in medical diagnostics, research, and biotechnology. It is used, for example, in diagnosing infectious diseases, monitoring therapeutic drug levels, detecting allergies, and studying immune responses.

## Key Features & Benefits

**ELISA (Enzyme-Linked Immunosorbent Assay) offers several benefits that make it a widely used technique in various fields, including medical diagnostics, research, and biotechnology:**



**High Sensitivity:** ELISA can detect target substances at very low concentrations. This is crucial for detecting trace amounts of analytes.



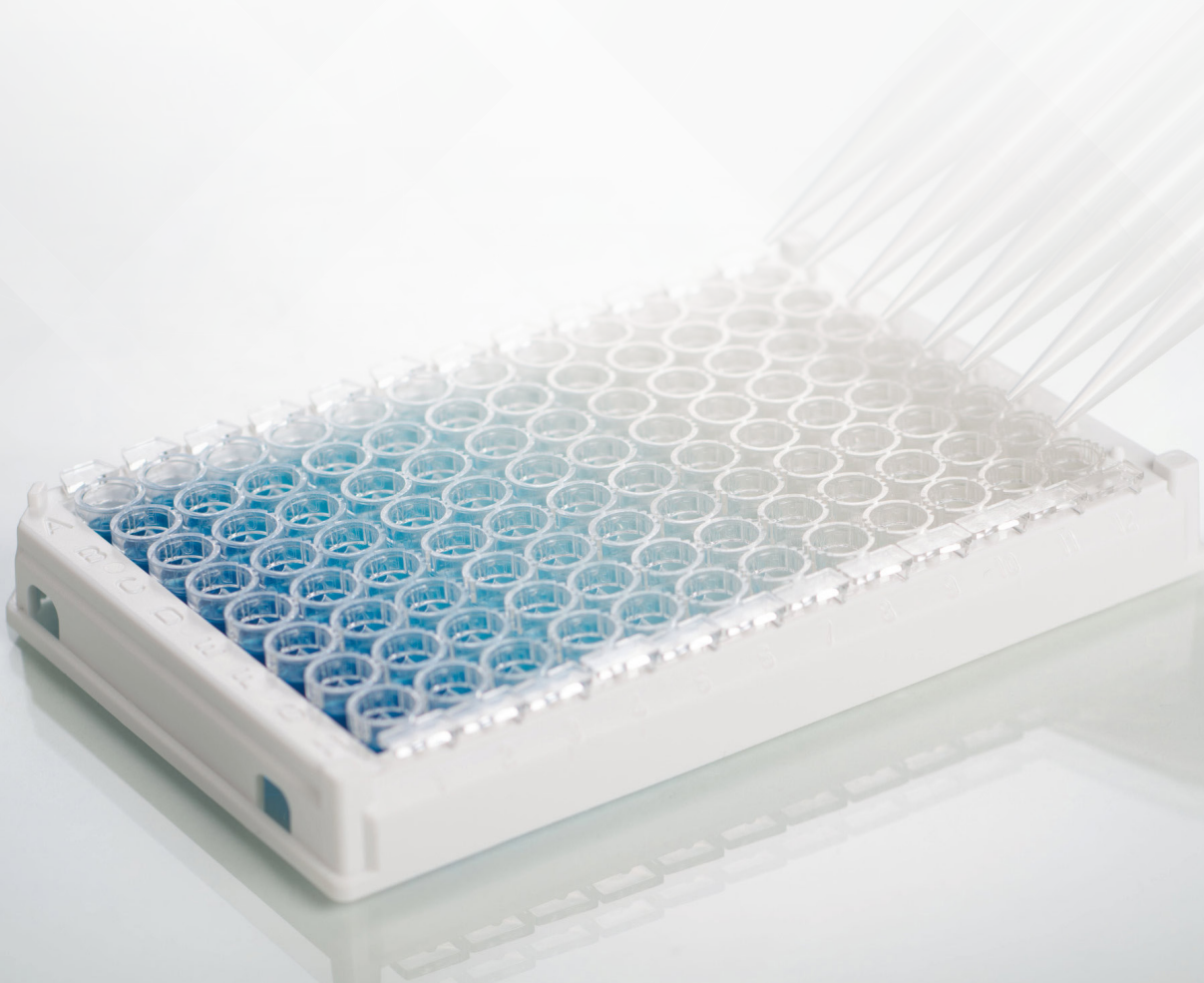
**High Throughput:** ELISA can be performed in multiwell plates, allowing for the simultaneous analysis of multiple samples.



**Quantitative and Qualitative Analysis:** By measuring the intensity of the signal produced, ELISA allows for accurate quantification of the target substance in the sample.



**Stability:** ELISA reagents, particularly antibodies and enzyme conjugates, are generally stable when stored properly.





# High Performance ELISA Kits

| Category                        | Description  | Range                | Incubation Time   | Sensitivity  |
|---------------------------------|--|----------------------|-------------------|--------------|
| <b>Allergy</b>                  | IgE  | 0-400 IU/ml          | 30 + 30 + 15 min  | 1.00 IU/ml   |
| <b>Anaemia</b>                  | Ferritin   | 1 - 50,000 ng/ml     | 30 + 30 + 15 min  | 1 ng/ml      |
| <b>Autoimmune</b>               | Anti-TG  | 25.2 - 124.7 IU/ml   | 60 + 30 + 15 min  | 1.94 IU/ml   |
|                                 | Anti-TPO   | 10.8 - 39.2 IU/ml    | 60 + 30 + 15 min  | 0.92 IU/ml   |
| <b>Cardiac Markers</b>          | CRP (High Sensitivity)   | 0.014 - 5,000 ug/ml  | 15 + 15 min       | 0.014 ug/ml  |
|                                 | Digoxin  | 0-4 ng/ml            | 30 + 15 min       | 0.072 ng/ml  |
|                                 | Troponin-I   | 0.05-10,000 ng/ml    | 15 + 15 min       | 0.05 ng/ml   |
| <b>Diabetes</b>                 | C-Peptide  | 0 - 0.82 ng/ml       | 120 + 15 min      | 0.02 ng/ml   |
|                                 | Insulin  | 0-300 µIU/ml         | 120 + 15 min      | 0.75 uIU/ml  |
| <b>Fertility &amp; Prenatal</b> | LH   | 0.0 - 200 mIU/ml     | 60 + 15 min       | 0.8 mIU/ml   |
|                                 | FSH  | 0.0 - 100 mg/dL      | 60 + 15 min       | 0.8 mIU/ml   |
|                                 | Prolactin  | 0.0 - 100 ng/ml      | 60 + 15 min       | 0.8 ng/ml    |
| <b>Growth Deficiency</b>        | HGH  | 0-150 U/ml           | 60 + 15 min       | 0.025 uIU/ml |
| <b>Maternal Screening</b>       | Down's Syndrome screening (during first trimester of pregnancy 9th - 13th week)    |                      |                   |              |
|                                 | PAPP-A   | 0.120- 320 ug/ml     | 30 + 30 + 20 min  | 0.12 ug/ml   |
|                                 | Free β-hCG   | 0-200 ng/dl          | 30 + 30 + 20 min  | 0.05 ng/ml   |
|                                 | Total hCG  | 0-250 mIU/ml         | 60 + 15 min       | 0.02 mIU/ml  |
|                                 | Down's Syndrome screening (during second trimester of pregnancy 14th - 24th week). |                      |                   |              |
|                                 | AFP  | 0.025 -10,000 ng/ml  | 60 + 15 min       | 0.025 ng/ml  |
|                                 | Unconjugated Estriol (uE3)   | 0-30 ng/ml           | 60 + 15 min       | 2.9 pg/T     |
|                                 | Free β-hCG   | 0-200 ng/dl          | 30 + 30 + 20 min  | 0.05 ng/ml   |
|                                 | Inhibin-A  | 0-1000 pg/ml         | 180 + 60 + 15 min | 5.0 pg/ml    |
|                                 | <b>Steroid Panel</b>   | Progesterone         | 0.0 - 60.0 IU/ml  | 60 + 15 min  |
| Testosterone                    |  | 0.0 - 12.0 mg/ml     | 60 + 15 min       | 0.038 ng/ml  |
| Estradiol                       |  | 0.0 - 3000 IU/ml     | 60 + 15 min       | 6.5 pg/ml    |
| Free testosterone               |  | 0-34 pg/ml           | 60 + 15 min       | 0.02 pg/ml   |
| DHEA-S                          |  | 0.0 - 8.0 mg/ml      | 60 + 15 min       | 0.035 mg/ml  |
| 17β-OH Progesterone             |  | 0.0 - 10.0 ng/ml     | 60 + 15 min       | 0.03 ng/ml   |
| Cortisol                        |  | 0.0 - 50.0 mg/dl     | 60 + 15 min       | 0.25 mg/dL   |
| <b>Thyroid &amp; Adrenal</b>    | T3   | 0.0 - 7.5 ng/ml      | 60 + 15 min       | 0.04 ng/ml   |
|                                 | T4   | 0.0 - 25 mg/dl       | 60 + 15 min       | 0.4 mg/dL    |
|                                 | TSH  | 0.0 - 40 mIU/ml      | 60 + 15 min       | 0.078 mIU/ml |
|                                 | FT3  | 0.0 - 16 pg/ml       | 60 + 15 min       | 0.05 pg/ml   |
|                                 | FT4  | 0.0 - 2.7 pg/ml      | 60 + 15 min       | 0.05 ng/dL   |
|                                 | TG   | 0.0 - 2000 IU/ml     | 60 + 15 min       | 5.0 IU/ml dL |
|                                 | TPO  | 0.0 - 500 IU/ml      | 60 + 15 min       | 1.5 IU/ml    |
|                                 | T3-Uptake  | 18.0 - 47.0%         | 60 + 15 min       | -            |
|                                 | NT4  | 0.0 - 25 mg/dL       | 16 - 20 Hours     | 0.5 mg/dL    |
|                                 | NTSH   | 0.0 - 250 mIU/ml     | 16 - 20 Hours     | 1.0 mIU/ml   |
| <b>Tumour Markers</b>           | AFP  | 0.025 -10,000 ng/ml  | 60 + 15 min       | 0.025 ng/ml  |
|                                 | CA 15.3  | 0-400 U/ml           | 60 + 60 + 20 min  | 0.2 U/ml     |
|                                 | CA 125   | 0-400 IU/ml          | 60 + 15 min       | 1 U/ml       |
|                                 | CA 19.9  | 0-500 U/ml           | 60 + 15 min       | 1 U/ml       |
|                                 | CEA  | 0.025 - 60,000 ng/ml | 60 + 15 min       | 0.025 ng/ml  |
|                                 | fPSA   | 0 - 10 ng/ml         | 60 + 15 min       | 0.052 ng/ml  |
|                                 | PSA  | 0 - 100 ng/dl        | 30 + 15 min       | 0.012 ng/ml  |
| <b>Vitamin-D</b>                | Vitamin-D  | 0 - 150 ng/ml        | 90 + 30 + 30 min  | 0.6 ng/ml    |





# Ordering Information

| Description                                  | Method | Cat No.  | Size |
|--|--------|----------|------|
| <b>17<math>\alpha</math>-OH Progesterone</b> | ELISA  | BXE0996A | 96T  |
| <b>AFP</b>                                   | ELISA  | BXE0801A | 96T  |
| <b>Anti-Mullerian Hormone (AMH)</b>          | ELISA  | BXE0999A | 96T  |
| <b>Anti-Tg</b>                               | ELISA  | BXE0895A | 96T  |
| <b>Anti-TPO</b>                              | ELISA  | BXE0896A | 96T  |
| <b>CA125</b>                                 | ELISA  | BXE0821A | 96T  |
| <b>CA15-3A</b>                               | ELISA  | BXE0881A | 96T  |
| <b>CA19.9</b>                                | ELISA  | BXE0841A | 96T  |
| <b>CEA</b>                                   | ELISA  | BXE0811A | 96T  |
| <b>Cortisol</b>                              | ELISA  | BXE0831A | 96T  |
| <b>C-Peptide</b>                             | ELISA  | BXE0616A | 96T  |
| <b>CRP (High Sensitivity)</b>                | ELISA  | BXE0617A | 96T  |
| <b>DHEA-S</b>                                | ELISA  | BXE0998A | 96T  |
| <b>Digoxin</b>                               | ELISA  | BXE0992A | 96T  |
| <b>Estradiol</b>                             | ELISA  | BXE0860A | 96T  |
| <b>Ferritin</b>                              | ELISA  | BXE0891A | 96T  |
| <b>Folate</b>                                | ELISA  | BXE0892A | 96T  |
| <b>Free PSA</b>                              | ELISA  | BXE0861A | 96T  |
| <b>Free Testosterone</b>                     | ELISA  | BXE0997A | 96T  |
| <b>Free hCG</b>                              | ELISA  | BXE0872A | 96T  |
| <b>FSH</b>                                   | ELISA  | BXE0631A | 96T  |
| <b>FT3</b>                                   | ELISA  | BXE0731A | 96T  |
| <b>FT4</b>                                   | ELISA  | BXE0721A | 96T  |
| <b>hCG</b>                                   | ELISA  | BXE0871A | 96T  |
| <b>HCG Rapid</b>                             | ELISA  | BXE0873A | 96T  |
| <b>Human Growth Hormone (HGH)</b>            | ELISA  | BXE0991A | 96T  |
| <b>IgE</b>                                   | ELISA  | BXE0641A | 96T  |
| <b>Inhibin-A</b>                             | ELISA  | BXE0615A | 96T  |
| <b>Inhibin-B</b>                             | ELISA  | BXE0618A | 96T  |
| <b>Insulin</b>                               | ELISA  | BXE0610A | 96T  |
| <b>LH</b>                                    | ELISA  | BXE0651A | 96T  |
| <b>Malaria</b>                               | ELISA  | BXE0691A | 96T  |
| <b>Malaria Ab</b>                            | ELISA  | BXE0692A | 96T  |
| <b>Myoglobin</b>                             | ELISA  | BXE0609A | 96T  |
| <b>Neonatal T4</b>                           | ELISA  | BXE0863A | 96T  |
| <b>Neonatal TSH</b>                          | ELISA  | BXE0682A | 96T  |
| <b>PAPP-A</b>                                | ELISA  | BXE0888A | 96T  |
| <b>Progesterone</b>                          | ELISA  | BXE0661A | 96T  |
| <b>Prolactin</b>                             | ELISA  | BXE0671A | 96T  |
| <b>PSA</b>                                   | ELISA  | BXE0851A | 96T  |
| <b>T3</b>                                    | ELISA  | BXE0701A | 96T  |
| <b>T3 Streptavidin</b>                       | ELISA  | BXE0703A | 96T  |
| <b>T3-Uptake</b>                             | ELISA  | BXE0702A | 96T  |
| <b>T4</b>                                    | ELISA  | BXE0711A | 96T  |
| <b>T4 Streptavidin</b>                       | ELISA  | BXE0712A | 96T  |





| Description          | Method | Cat No.  | Size |
|----------------------|--------|----------|------|
| Testosterone         | ELISA  | BXE0862A | 96T  |
| Troponin-I           | ELISA  | BXE0864A | 96T  |
| TSH                  | ELISA  | BXE0681A | 96T  |
| Unconjugated Estriol | ELISA  | BXE0865A | 96T  |
| Vitamin-D (90 min)   | ELISA  | BXE0112A | 96T  |
| Vitamin-D (2nd Gen)  | ELISA  | BXE0113A | 96T  |
| Vitamin B12          | ELISA  | BXE0960A | 96T  |
| Zinc                 | ELISA  | BXE0462A | 96T  |

## TORCH

**TORCH is an acronym used in medicine to refer to a group of infectious diseases that can cause significant health issues if contracted during pregnancy. Each letter in TORCH stands for a specific pathogen:**

**T:** Toxoplasmosis, **O:** Other (which can include syphilis, varicella-zoster virus, parvovirus B19, etc.),  
**R:** Rubella, **C:** Cytomegalovirus (CMV), **H:** Herpes simplex virus (HSV)

The immunoassays used in TORCH Panel Tests typically involve ELISA (Enzyme-Linked Immunosorbent Assay) or CLIA (Chemiluminescence Immunoassay) techniques. These tests rely on the specific binding of antibodies in the patient's sample to antigens from the infectious agents. The presence and levels of these antibodies indicate whether the patient has been exposed to the respective pathogens.

TORCH panel tests play a significant role in prenatal screening, allowing healthcare providers to monitor and manage pregnancies effectively to minimize the risk of congenital infections and associated complications.

## Ordering Information

| Description                           | Method | Cat No.  | Size |
|---------------------------------------|--------|----------|------|
| Cytomegalo Virus (CMV) IgG            | ELISA  | BXE0880A | 96T  |
| Cytomegalo Virus (CMV) IgM            | ELISA  | BXE0890A | 96T  |
| Herpes Simplex Virus-I (HSV-I), IgG   | ELISA  | BXE0611A | 96T  |
| Herpes Simplex Virus-I (HSV-I), IgM   | ELISA  | BXE0612A | 96T  |
| Herpes Simplex Virus-II (HSV-II), IgG | ELISA  | BXE0613A | 96T  |
| Herpes Simplex Virus-II (HSV-II), IgM | ELISA  | BXE0614A | 96T  |
| Rubella, IgG                          | ELISA  | BXE0685A | 96T  |
| Rubella, IgM                          | ELISA  | BXE0686A | 96T  |
| Toxoplasma gondaii, IgG               | ELISA  | BXE0689A | 96T  |
| Toxoplasma gondaii, IgM               | ELISA  | BXE0690A | 96T  |





## Infectious Panel

**Infectious Panel Immunoassays are diagnostic tests used to simultaneously detect multiple infectious agents in a patient's sample, typically blood or serum.**

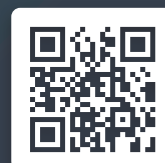
These tests are designed to identify antibodies or antigens associated with various pathogens, allowing healthcare providers to diagnose specific infectious diseases efficiently. The composition of infectious panel immunoassays can vary depending on the specific pathogens of interest and the clinical context.

## Ordering Information

| Description              | Method | Cat No.  | Size |
|--------------------------|--------|----------|------|
| Anti-HBc                 | ELISA  | BXE0761A | 96T  |
| Anti-HBc                 | ELISA  | BXE0761C | 480T |
| Anti-HBe                 | ELISA  | BXE0772A | 96T  |
| Anti-HBs (Quantitative)  | ELISA  | BXE0752A | 96T  |
| Anti-HBs (Quantitative)  | ELISA  | BXE0752C | 480T |
| HAV.IgG                  | ELISA  | BXE0601A | 96T  |
| HAV.IgM                  | ELISA  | BXE0602A | 96T  |
| HBc.IgM                  | ELISA  | BXE0603A | 96T  |
| HBeAg                    | ELISA  | BXE0771A | 96T  |
| HbsAg                    | ELISA  | BXE0741A | 96T  |
| HbsAg (High Sensitivity) | ELISA  | BXE0742A | 96T  |
| HCV                      | ELISA  | BXE0781A | 96T  |
| HCV Ag-Ab                | ELISA  | BXE0781A | 96T  |
| HDV.Ag                   | ELISA  | BXE0605A | 96T  |
| HDV.IgG                  | ELISA  | BXE0606A | 96T  |
| HDV.IgM                  | ELISA  | BXE0607A | 96T  |
| Helicobacter Pylori, IgA | ELISA  | BXE0672A | 96T  |
| Helicobacter Pylori, IgG | ELISA  | BXE0673A | 96T  |
| Helicobacter Pylori, IgM | ELISA  | BXE0674A | 96T  |
| HEV Ab                   | ELISA  | BXE0745A | 96T  |
| HEV Ag                   | ELISA  | BXE0903A | 96T  |
| HEV IgG                  | ELISA  | BXE0901A | 96T  |
| HEV IgM                  | ELISA  | BXE0902A | 96T  |
| HGV.IgG                  | ELISA  | BXE0608A | 96T  |
| HIV 1+2 3rd gen          | ELISA  | BXE0791A | 96T  |
| HIV Ag/Ab 4th gen        | ELISA  | BXE0792A | 96T  |
| HTLV 1+2 ELISA           | ELISA  | BXE0910A | 96T  |



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