Your Results are Our Priority.

Enzyme Linked Immunosorbent Assay (ELISA)

One year shelf life
Ready to use, color coded reagents and bottles
Single dilution factor
Adaptable for all forensic matrices
Forensic Drug Testing Solutions.

Immunalysis takes great pride in providing the highest quality products and services with the accuracy, reliability, and confidence you expect.

**Over 30 Drug Classes**
- Little or no sample preparation
- Buffers simplify extraction process in complex matrices
- Meets recommended scope and analytical cutoffs of toxicological analysis and DUID investigations

**ELISA Panel**
- Acetaminophen (Paracetamol)
- Amphetamine
- Barbiturates
- Benzodiazepines
- Buprenorphine
- Cannabinoids (THC)
- Carisoprodol
- Cocaine Metabolite (Benzylecgonine Specific)
- Cocaine (Cocaine/Cocaethylene)
- Cocaine/Benzylecgonine (COC/BE)
- Cotinine (Nicotine Metabolite)
- Dextromethorphan
- Diphenhydramine (DPH)
- Fentanyl
- Flunitrazepam
- Fluoxetine
- K2 (Synthetic Cannabinoids-1)
- Ketamine
- LSD
- Meperidine
- Methadone
- Methamphetamine
- Methylphenidate
- Morphine Specific
- Naltrexone
- Opiates
- Opiates (No Morphine 3-glucuronide cross-reactivity)
- Oxycodone (Blood)
- Oxycodone (Urine)
- Phencyclidine (PCP)
- Propoxyphene
- Salicylates
- Sertraline
- Tramadol
- Tricyclic Antidepressants
- Ultra Sensitive THC
- Zolpidem

**Customized Systems**
Immunalysis has the flexibility to customize testing system solutions that meet your specific laboratory requirements. Our continuous innovation will keep your program relevant and in step with the latest diagnostic trends.
## ELISA for Forensic Matrices

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Catalog Number and Number of Tests</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>96 Tests</td>
</tr>
<tr>
<td>Acetaminophen (Paracetamol)</td>
<td>227-0096</td>
</tr>
<tr>
<td>Amphetamine</td>
<td>209-0192</td>
</tr>
<tr>
<td>Barbiturates</td>
<td>210-0192</td>
</tr>
<tr>
<td>Benzodiazepines</td>
<td>214-0192</td>
</tr>
<tr>
<td>Buprenorphine</td>
<td>236-0096</td>
</tr>
<tr>
<td>Cannabinoids (THC)</td>
<td>205-0192</td>
</tr>
<tr>
<td>Carisoprodol</td>
<td>231-0096</td>
</tr>
<tr>
<td>Cocaine Metabolite (Benzoylecgonine Specific)</td>
<td>206-0192</td>
</tr>
<tr>
<td>Cocaine (Cocaine/Cocaethylene)</td>
<td>229-0192</td>
</tr>
<tr>
<td>Cocaine/Benzoylecgonine (COC/BE)</td>
<td>212-0192</td>
</tr>
<tr>
<td>Cotinine (Nicotine Metabolite)</td>
<td>217-0096</td>
</tr>
<tr>
<td>Dextromethorphan</td>
<td>238-0096</td>
</tr>
<tr>
<td>Diphenhydramine (DPH)</td>
<td>242-0096</td>
</tr>
<tr>
<td>Fentanyl</td>
<td>218-0096</td>
</tr>
<tr>
<td>Flunitrazepam</td>
<td>216-0096</td>
</tr>
<tr>
<td>Fluoxetine</td>
<td>234-0096</td>
</tr>
<tr>
<td>K2 (Synthetic Cannabinoids-1)</td>
<td>244-0096</td>
</tr>
<tr>
<td>Ketamine</td>
<td>240-0096</td>
</tr>
<tr>
<td>LSD</td>
<td>215-0192</td>
</tr>
<tr>
<td>Meperidine (Demerol®/Pethidine)</td>
<td>220-0096</td>
</tr>
<tr>
<td>Methadone</td>
<td>232-0096</td>
</tr>
<tr>
<td>Methamphetamine</td>
<td>211-0192</td>
</tr>
<tr>
<td>Methylphenidate (Ritalin®)</td>
<td>219-0096</td>
</tr>
<tr>
<td>Morphine Specific</td>
<td>213-0192</td>
</tr>
<tr>
<td>Naltrexone</td>
<td>239-0096</td>
</tr>
<tr>
<td>Opiates</td>
<td>207-0192</td>
</tr>
<tr>
<td>Opiates (No Morphine 3-glucuronide cross-reactivity)</td>
<td>207B-0480</td>
</tr>
</tbody>
</table>

## Buffers

### Buffers

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Catalog No.</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSA Buffer 0.1% Bovine Serum Albumin in 100 mM Phosphate Buffered Saline pH 7.0</td>
<td>BSA-1000</td>
<td>1 L</td>
</tr>
<tr>
<td>PBS Buffer (100 mM Phosphate Buffered Saline) pH 7.0</td>
<td>PBS-1000</td>
<td>1 L</td>
</tr>
<tr>
<td>PBS Buffer (Phosphate Buffered Saline) Dry Powder Pouch</td>
<td>PBS-1-PK</td>
<td>1 L</td>
</tr>
<tr>
<td>Synthetic Negative Blood Matrix</td>
<td>SB-0025 SB-0050</td>
<td>25 mL 50 mL</td>
</tr>
<tr>
<td>Synthetic Negative Urine Pouch (Dry Powder) with Creatinine</td>
<td>SUP-5</td>
<td>5 L</td>
</tr>
<tr>
<td>Synthetic Negative Urine Pouch (Dry Powder) without Creatinine</td>
<td>SUPCF-5</td>
<td>5 L</td>
</tr>
<tr>
<td>N-EXT™ Meconium Extraction Buffer</td>
<td>MEB-100 MEB-1000</td>
<td>100 mL 1 L</td>
</tr>
<tr>
<td>Reconstitution Buffer Pouch</td>
<td>RB5000</td>
<td>5 L</td>
</tr>
<tr>
<td>Hair Extraction Buffer</td>
<td>HEB-0100 HEB-1000</td>
<td>100 mL 1 L</td>
</tr>
<tr>
<td>Neutralizing Buffer</td>
<td>NEB-0050</td>
<td>50 mL</td>
</tr>
</tbody>
</table>

Demerol® is a registered trademark of Abbott Laboratories. Ritalin® is a registered trademark of Novartis Pharmaceuticals Corp. Zoloft® is a registered trademark of Pfizer Inc. Ambien® is a registered trademark of sanofi-aventis U.S. LLC.
ELISA — Kit Components and Fill Volumes

All ELISA Kits (except those listed below)

<table>
<thead>
<tr>
<th>Content</th>
<th>XXX-0096</th>
<th>XXX-0192</th>
<th>XXX-0480</th>
<th>XXX-4800</th>
</tr>
</thead>
<tbody>
<tr>
<td>96 Well Plate</td>
<td>1 X</td>
<td>2 X</td>
<td>5 X</td>
<td>50 X</td>
</tr>
<tr>
<td>Conjugate</td>
<td>15 mL</td>
<td>25 mL</td>
<td>60 mL</td>
<td>750 mL</td>
</tr>
<tr>
<td>TMB-Substrate</td>
<td>30 mL</td>
<td>30 mL</td>
<td>2 x 30 mL</td>
<td>750 mL</td>
</tr>
<tr>
<td>Stop Reagent</td>
<td>25 mL</td>
<td>25 mL</td>
<td>55 mL</td>
<td>750 mL</td>
</tr>
<tr>
<td>Negative Standard</td>
<td>2 mL</td>
<td>2 mL</td>
<td>5 mL</td>
<td>3 x 5 mL</td>
</tr>
</tbody>
</table>

Acetaminophen

<table>
<thead>
<tr>
<th>Content</th>
<th>227-0096</th>
<th>227-0480</th>
<th>227-4800</th>
</tr>
</thead>
<tbody>
<tr>
<td>96 Well Plate</td>
<td>1 X</td>
<td>5 X</td>
<td>50 X</td>
</tr>
<tr>
<td>Concentrated Conjugate</td>
<td>200 µL</td>
<td>1 mL</td>
<td>8 mL</td>
</tr>
<tr>
<td>Conjugate Diluent</td>
<td>20 mL</td>
<td>60 mL</td>
<td>750 mL</td>
</tr>
<tr>
<td>TMB-Substrate</td>
<td>30 mL</td>
<td>2 x 30 mL</td>
<td>750 mL</td>
</tr>
<tr>
<td>Stop Reagent</td>
<td>25 mL</td>
<td>55 mL</td>
<td>750 mL</td>
</tr>
<tr>
<td>Positive Standard</td>
<td>2 mL</td>
<td>5 mL</td>
<td>NA</td>
</tr>
<tr>
<td>Negative Standard</td>
<td>2 mL</td>
<td>5 mL</td>
<td>3 x 5 mL</td>
</tr>
</tbody>
</table>

Ultra Sensitive THC

<table>
<thead>
<tr>
<th>Content</th>
<th>230-0192</th>
<th>230-0480</th>
<th>230-4800</th>
</tr>
</thead>
<tbody>
<tr>
<td>96 Well Plate</td>
<td>2 X</td>
<td>5 X</td>
<td>50 X</td>
</tr>
<tr>
<td>Conjugate</td>
<td>2 x 25 mL</td>
<td>2 x 60 mL</td>
<td>1 x 1 L</td>
</tr>
<tr>
<td>BSA Buffer</td>
<td>25 mL</td>
<td>60 mL</td>
<td>750 mL</td>
</tr>
<tr>
<td>TMB-Substrate</td>
<td>2 x 30 mL</td>
<td>2 x 60 mL</td>
<td>2 x 750 mL</td>
</tr>
<tr>
<td>Stop Reagent</td>
<td>25 mL</td>
<td>55 mL</td>
<td>750 mL</td>
</tr>
</tbody>
</table>

All Oral Fluid ELISA (except those listed below)

<table>
<thead>
<tr>
<th>Content</th>
<th>XXX-0480</th>
<th>XXX-4800</th>
</tr>
</thead>
<tbody>
<tr>
<td>96 Well Plate</td>
<td>5 X</td>
<td>50 X</td>
</tr>
<tr>
<td>Conjugate</td>
<td>60 mL</td>
<td>750 mL</td>
</tr>
<tr>
<td>TMB-Substrate</td>
<td>2 x 30 mL</td>
<td>750 mL</td>
</tr>
<tr>
<td>Stop Reagent</td>
<td>55 mL</td>
<td>750 mL</td>
</tr>
<tr>
<td>Calibrator and Control Set</td>
<td>4 x 4 mL</td>
<td>10 x 4 mL</td>
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</tbody>
</table>

Cocaine

<table>
<thead>
<tr>
<th>Content</th>
<th>217-0096</th>
<th>217-0480</th>
</tr>
</thead>
<tbody>
<tr>
<td>96 Well Plate</td>
<td>1 X</td>
<td>5 X</td>
</tr>
<tr>
<td>Conjugate</td>
<td>15 mL</td>
<td>60 mL</td>
</tr>
<tr>
<td>TMB-Substrate</td>
<td>30 mL</td>
<td>2 x 30 mL</td>
</tr>
<tr>
<td>Stop Reagent</td>
<td>25 mL</td>
<td>55 mL</td>
</tr>
<tr>
<td>Positive Standard</td>
<td>2 mL</td>
<td>5 mL</td>
</tr>
<tr>
<td>Serum Positive Control</td>
<td>5 X 1 mL</td>
<td>5 X 2 mL</td>
</tr>
<tr>
<td>Negative Serum Control</td>
<td>1 mL</td>
<td>2 mL</td>
</tr>
<tr>
<td>Negative Standard</td>
<td>2 mL</td>
<td>5 mL</td>
</tr>
</tbody>
</table>

Blood Ethyl Alcohol Assay

<table>
<thead>
<tr>
<th>Content</th>
<th>501-0500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reagent A</td>
<td>55 mL</td>
</tr>
<tr>
<td>Reagent E</td>
<td>55 mL</td>
</tr>
<tr>
<td>Percitloric Acid</td>
<td>400 mL</td>
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</tbody>
</table>

Oral Fluid Alcohol Assay

<table>
<thead>
<tr>
<th>Content</th>
<th>502-0500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reagent A</td>
<td>55 mL</td>
</tr>
<tr>
<td>Reagent E</td>
<td>55 mL</td>
</tr>
<tr>
<td>Extraction Buffer</td>
<td>20 mL</td>
</tr>
</tbody>
</table>

ELISA — Instrumentation

Immunalysis and Tecan have a 14 Year Partnership Providing Screening Solutions for the Forensic Field

**Manual System**

1,000 - 30,000 tests / year
- Tecan Sunrise Reader
- Tecan Columbus or Hydroflex washer

**Semi Automated Systems**

EVO 75/1 or 75/2
*45,000 - 90,000 tests / year*
- 1 or 2 tip system
- Standalone Tecan washer / reader
- Fixed Teflon coated washable tips
  - Maximum # of Plates - 9
  - Maximum # of Assays - 18
  - Maximum # of Samples - 48
  - Timing: 2.5 - 3.0 hours

EVO 100/4 or EVO 100/8
> *90,000 tests / year*
- 4 or 8 tip system
- Standalone Tecan washer / reader
- Fixed Teflon coated washable tips
  - Maximum # of Plates - 9
  - Maximum # of Assays - 18
  - Maximum # of Samples - 96
  - Timing: 3.0 - 3.5 hours

**Fully Automated System**

EVO 75/2 Workstation
*30,000 - 60,000 tests / year*
- 2 tip system
- Integrated washer / reader
- Robotic Manipulator Arm (ROMA)
- Fixed Teflon coated washable tips
  - Maximum # of Plates - 6
  - Maximum # of Assays - 12
  - Maximum # of Samples - 48
  - Timing: 2.5 - 4.0 hours

* Number of tests per year based on one full run per day

Immunalysis also offers a variety of refurbished systems; subject to availability.

For Forensic Use Only
We are Toxicology.