

Acro Biotech is a California-based manufacturer of rapid tests offering the products from state-of-the-art ISO13485:2003 accredited CMDCAS-compliant manufacturing facilities. Our core team comprises of seasoned professionals in the field of rapid tests with more than two decades of experience in reputed rapid test manufacturing companies, working in senior positions. Our product range includes USFDA (510)K approved DOA Tests as well as an expansive range comprising of Women's Health related rapid tests, Cardiac Markers, Tumor Markers and Infectious Disease Tests for International Market.

Our Tests work with a wide range of specimens, including urine, oral Fluid, blood, serum, plasma and vaginal swabs.

At The Cusp of Innovation and Commercialization, we are working hard to introduce new products in the market that would set the future growth path, including the combination of digitization and ease of rapid tests with our forthcoming introductions of Lateral Flow Test Readers.

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# PRODUCT CATALOGUE

## ACRO LF READER

Convergence of Rapid Tests &  
Power of Electronics



### Technical Specifications

|                       |                                              |
|-----------------------|----------------------------------------------|
| Principle             | Optical Imaging                              |
| Test Format           | Cassette, Dipstick or Panel                  |
| Measurement           | Qualitative/ Semi-Quantitative/ Quantitative |
| Read Time             | <10 Seconds                                  |
| Test Time             | Ref: Analytes                                |
| Specimen              | Urine/ Plasma/ Serum/ Whole Blood            |
| Power Source          | DC 5V                                        |
| Internal Memory       | 8GB                                          |
| Dimensions            | 155 mmx119 mmx111 mm                         |
| Weight                | 440g                                         |
| OS                    | Windows-based Proprietary Program            |
| Storage Conditions    | -10°C – 70°C                                 |
| Operating Conditions  | 4°C – 30°C                                   |
| Interface Connections | USB 2.0                                      |
| Analyte Information   | Bar Code                                     |



## Quantitative Rapid Tests with Reader

| Cat. No.  | Product Description                    | Specimen  | Format   | Cut-off Value |
|-----------|----------------------------------------|-----------|----------|---------------|
| CPC-R402  | Procalcitonin(PCT) Rapid Test Cassette | WB / S/ P | Cassette | 1ng/mL        |
| OCAL-R602 | Calprotectin Rapid Test Cassette       | Feces     | Cassette | 50µg/g        |
| OFE-R402  | Ferritin Rapid test Cassette           | WB / S/ P | Cassette | 30ng/mL       |

## Semi-Quantitative Rapid Tests with Reader

| Cat. No. | Product Description                    | Specimen  | Format   | Result    |              |               |                |             |
|----------|----------------------------------------|-----------|----------|-----------|--------------|---------------|----------------|-------------|
|          |                                        |           |          | -         | +/-          | +             | ++             |             |
| FHC-R102 | Pregnancy (hCG) Rapid Test Cassette    | Urine     | Cassette | <15mlU/mL | 15-35mlU/mL  | 35-250mlU/mL  | 250-1000mlU/mL | >1000mlU/mL |
| OTS-R402 | TSH Rapid Test Cassette                | WB / S/ P | Cassette | <3µIU/mL  | 3-8µIU/mL    | 8-30µIU/mL    | 30-100µIU/mL   | >100µIU/mL  |
| CDM-R402 | D-dimer Rapid Test Cassette            | WB / P    | Cassette | <350ng/mL | 350-650ng/mL | 650-2500ng/mL | 2500-5000ng/mL | >5000ng/mL  |
| CCK-R402 | CK-MB Rapid Test Cassette              | WB / S/ P | Cassette | <3.5ng/mL | 3.5-6.5ng/mL | 6.5-30ng/mL   | 30-80ng/mL     | >80ng/mL    |
| CMY-R402 | Myoglobin Rapid Test Cassette          | WB / S/ P | Cassette | <35ng/mL  | 35-65ng/mL   | 65-250ng/mL   | 250-600ng/mL   | >600ng/mL   |
| CTI-R402 | cTnI Rapid Test Cassette               | WB / S/ P | Cassette | <0.5ng/mL | 0.5-1.5ng/mL | 1.5-5ng/mL    | 5-10ng/mL      | >10ng/mL    |
| CCR-R402 | C-reactive protein Rapid Test Cassette | WB / S/ P | Cassette | <1µg/mL   | 1.0-3.0µg/mL | 3-10µg/mL     | >10µg/mL       | /           |

## Qualitative Rapid Tests with Reader

| Cat. No.  | Product Description                                                        | Specimen              | Format   |
|-----------|----------------------------------------------------------------------------|-----------------------|----------|
| IHP-R602  | H. pylori Antigen Rapid Test Cassette                                      | Feces                 | Cassette |
| IHC-R402  | HCV Rapid Test Cassette                                                    | WB / S/ P             | Cassette |
| IMO-R402  | MONO Rapid Test Cassette                                                   | WB / S/ P             | Cassette |
| IIN-R502  | Influenza A+B Rapid Test Cassette                                          | Swab / Nasal Aspirate | Cassette |
| IFLA-R502 | Influenza A Rapid Test Cassette                                            | Swab / Nasal Aspirate | Cassette |
| IST-R502  | Strep A Rapid Test Cassette (Control Line in Red)                          | Throat Swab           | Cassette |
| TFO-R602  | FOB Rapid Test Cassette                                                    | Feces                 | Cassette |
| TPS-R402  | PSA Rapid Test Cassette                                                    | WB / S/ P             | Cassette |
| FFF-R502  | Fetal Fibronectin (fFN) Rapid Test Cassette                                | Vaginal Secretion     | Cassette |
| FIG-R502  | Insulin-like Growth Factor-binding Protein 1 (IGFBP-1) Rapid Test Cassette | Vaginal Secretion     | Cassette |

## Qualitative Drug of Abuse Rapid Tests with Reader

| Cat. No.  | Product Description                                                | Specimen | Cut-Off    |
|-----------|--------------------------------------------------------------------|----------|------------|
| DAC-R102  | Acetaminophen (ACE) Rapid Test Cassette                            | Urine    | 5000 ng/mL |
| DACL-R102 | ACL Rapid Test Cassette                                            | Urine    | 300 ng/mL  |
| DAM-R102  | Amphetamine (AMP) Rapid Test Cassette                              | Urine    | 1000 ng/mL |
| DBA-R102  | Barbiturate (BAR) Rapid Test Cassette                              | Urine    | 300 ng/mL  |
| DBU-R102  | Buprenorphine (BUP) Rapid Test Cassette                            | Urine    | 10 ng/mL   |
| DBZ-R102  | Benzodiazepines (BZO) Rapid Test Cassette                          | Urine    | 300 ng/mL  |
| DCL-R102  | Clonazepam (CLO) Rapid Test Cassette                               | Urine    | 400 ng/mL  |
| DCO-R102  | COCAINE (COC) Rapid Test Cassette                                  | Urine    | 300 ng/mL  |
| DCT-R102  | Cotinine (COT) Rapid Test Cassette                                 | Urine    | 200 ng/mL  |
| DDI-R102  | Diazepam (DIA) Rapid Test Cassette                                 | Urine    | 300 ng/mL  |
| DED-R102  | Ethylenediamine-dimethylphosphinic acid (EDDP) Rapid Test Cassette | Urine    | 100 ng/mL  |
| DET-R102  | Ethyl Glucuronide (ETG) Rapid Test Cassette                        | Urine    | 500 ng/mL  |
| DFY-R102  | Fentanyl (FYL) Rapid Test Cassette                                 | Urine    | 20 ng/mL   |
| DKE-R102  | Ketamine (KET)Rapid Test Cassette                                  | Urine    | 1000 ng/mL |
| DMA-R102  | 6-Monoacetylmorphine (6-MAM) Rapid Test Cassette                   | Urine    | 10 ng/mL   |
| DMD-R102  | Ecstasy (MDMA) Rapid Test Cassette                                 | Urine    | 500 ng/mL  |
| DMDA-R102 | Tenamfetamine (MDA) Rapid Test Cassette                            | Urine    | 500 ng/mL  |
| DMDP-R102 | Methylenedioxyppyrovalerone (MDPV) Rapid Test Cassette             | Urine    | 1000 ng/mL |
| DME-R102  | Methamphetamine (MET) Rapid Test Cassette                          | Urine    | 1000 ng/mL |
| DMO-R102  | Morphine (MOP) Rapid Test Cassette                                 | Urine    | 300 ng/mL  |
| DMQ-R102  | Methaqualone (MQL) Rapid Test Cassette                             | Urine    | 300 ng/mL  |
| DMT-R102  | Methadone (MTD) Rapid Test Cassette                                | Urine    | 300 ng/mL  |
| DOP-R102  | Opiates (OPI) Rapid Test Cassette                                  | Urine    | 2000 ng/mL |
| DOX-R102  | Oxycodone (OXY) Rapid Test Cassette                                | Urine    | 100 ng/mL  |
| DPC-R102  | Phencyclidine (PCP) Rapid Test Cassette                            | Urine    | 25 ng/mL   |
| DPP-R102  | Propoxyphene (PPX) Rapid Test Cassette                             | Urine    | 300 ng/mL  |
| DSM-R102  | Synthetic Marijuana (K2) Rapid Test Cassette                       | Urine    | 50 ng/mL   |



## Qualitative Drug of Abuse Rapid Tests with Reader

| Cat. No.  | Product Description                                                                                | Specimen | Cut-Off    |
|-----------|----------------------------------------------------------------------------------------------------|----------|------------|
| DTC-R102  | Tricyclic Antidepressants (TCA) Rapid Test Cassette                                                | Urine    | 1000 ng/mL |
| DAP-R102  | α-Pyrrolidinovalerophenone (α-PVP ) Rapid Test Cassette                                            | Urine    | 1000 ng/mL |
| DMP-R102  | Methylphenidate(MPD) Rapid Test Cassette                                                           | Urine    | 300 ng/mL  |
| DAL-R102  | Alcohol (ALC) Rapid Test Cassette                                                                  | Urine    | 0.02%      |
| DTH-R102  | Marijuana (THC) Rapid Test Cassette                                                                | Urine    | 50 ng/mL   |
| DTM-R102  | Tramadol (TML) Rapid Test Cassette                                                                 | Urine    | 100 ng/mL  |
| DLS-R102  | Lysergic Acid Diethylamide (LSD) Rapid Test Cassette                                               | Urine    | 20 ng/mL   |
| DZO-R102  | Zolpidem(ZOL) Rapid Test Cassette                                                                  | Urine    | 50 ng/mL   |
| DOA-R134  | Multi-Drug 3 Drugs Rapid Test Panel (MOP/AMP/THC)                                                  | Urine    | N/A        |
| DOA-R134  | Multi-Drug 3 Drugs Rapid Test Panel (AMP/COC/THC)                                                  | Urine    | N/A        |
| DOA-R144  | Multi-Drug 4 Drugs Rapid Test Panel (MOP/COC/THC/BZO)                                              | Urine    | N/A        |
| DOA-R144  | Multi-Drug 4 Drugs Rapid Test Panel (OPI/COC/MET/THC)                                              | Urine    | N/A        |
| DOA-R154  | Multi-Drug 5 Drugs Rapid Test Panel (MOP/COC/THC/MET/BZO)                                          | Urine    | N/A        |
| DOA-R154  | Multi-Drug 5 Drugs Rapid Test Panel (OPI/MDMA/COC/AMP/MET)                                         | Urine    | N/A        |
| DOA-R164  | Multi-Drug 6 Drugs Rapid Test Panel (OPI/MDMA/COC/THC/AMP/MET)                                     | Urine    | N/A        |
| DOA-R164  | Multi-Drug 6 Drugs Rapid Test Panel (OXY/COC/MET/PPX/BZO/TCA)                                      | Urine    | N/A        |
| DOA-R174  | Multi-Drug 7 Drugs Rapid Test Panel (OPI/COC/THC/AMP/MET/MTD/BZO)                                  | Urine    | N/A        |
| DOA-R174  | Multi-Drug 7 Drugs Rapid Test Panel (MOP/MDMA/COC/THC/AMP/MET/PCP)                                 | Urine    | N/A        |
| DOA-R184  | Multi-Drug 8 Drugs Rapid Test Panel (MOP/COC/THC/AMP/MTD/BAR/BZO/BUP)                              | Urine    | N/A        |
| DOA-R184  | Multi-Drug 8 Drugs Rapid Test Panel (OPI/OXY/THC/AMP/MTD/BZO/FYL/BUP)                              | Urine    | N/A        |
| DOA-R194  | Multi-Drug 9 Drugs Rapid Test Panel (OPI/MDMA/COC/THC/AMP/MET/MTD/BZO/BUP)                         | Urine    | N/A        |
| DOA-R194  | Multi-Drug 9 Drugs Rapid Test Panel (COC/AMP/MET/BAR/BZO/COT/FYL/TCA/BUP)                          | Urine    | N/A        |
| DOA-R1104 | Multi-Drug 10 Drugs Rapid Test Panel (MOP/MDMA/COC/THC/AMP/MET/MTD/BAR/BZO/BUP)                    | Urine    | N/A        |
| DOA-R1104 | Multi-Drug 10 Drugs Rapid Test Panel (OPI/OXY/COC/THC/AMP/MET/TML/BZO/FYL/TCA)                     | Urine    | N/A        |
| DOA-R1124 | Multi-Drug 12 Drugs Rapid Test Panel (MOP/MDMA/COC/THC/AMP/MET/MTD/PCP/BAR/BZO/TCA/BUP)            | Urine    | N/A        |
| DOA-R1124 | Multi-Drug 12 Drugs Rapid Test Panel (OPI/COC/THC/AMP/MET/K2/MTD/PCP/BAR/BZO/TCA/ACE)              | Urine    | N/A        |
| DOA-R135  | Multi-Drug 3 Drugs Rapid Test Cassette (AMP/COC/THC)                                               | Urine    | N/A        |
| DOA-R135  | Multi-Drug 3 Drugs Rapid Test Cassette (MOP/AMP/MET)                                               | Urine    | N/A        |
| DOA-R155  | Multi-Drug 5 Drugs Rapid Test Cassette (AMP/COC/MET/MOP/THC)                                       | Urine    | N/A        |
| DOA-R165  | Multi-Drug 6 Drugs Rapid Test Cassette (<AMP/COC/THC>+<MET/MOP>+BZO)                               | Urine    | N/A        |
| DOA-R165  | Multi-Drug 6 Drugs Rapid Test Cassette (<COC/MET/BZO>+<MDMA/MTD>+THC)                              | Urine    | N/A        |
| DOA-R175  | Multi-Drug 7 Drugs Rapid Test Cassette (<AMP/COC/THC>+<MET/MOP>+<MDMA/MTD>)                        | Urine    | N/A        |
| DOA-R175  | Multi-Drug 7 Drugs Rapid Test Cassette (<MET/COC/THC>+<AMP/OPI>+<TCA/BAR>)                         | Urine    | N/A        |
| DOA-R175  | Multi-Drug 7 Drugs Rapid Test Cassette (<COC/MET/BZO>+<AMP/MOP>+<MDMA/MTD>)                        | Urine    | N/A        |
| DOA-R1125 | Multi-Drug 12 Drugs Rapid Test Cassette (<MET/COC/THC>+<MDMA/MTD/MOP>+<PCP/BZO/AMP>+<TCA/BAR>+BUP) | Urine    | N/A        |
| DOA-R1125 | Multi-Drug 12 Drugs Rapid Test Cassette (<COC/MET/BZO>+<THC/AMP/OPI>+<MDMA/MTD/MOP>+<TCA/BAR>+ETG) | Urine    | N/A        |

For any parameter not mentioned here, please contact with us.