

Evidence MultiSTAT



Cartridge & Analyser Overview

1 Reference Chamber

Cut off material is added here.

2 Sample Chamber

200µl of sample is added here.

3 Foil Cover & Fluid Reservoirs

All additional fluids required are stored underneath a sealed foil cover and pierced by the analyzer during testing.

4 Biochip Wells

Two Biochips are placed here, one to test the patient sample and one for the cut off material, 21 discrete testing regions are assayed on each Biochip.





1 Touch Screen

A large touch screen interface allows the user to easily navigate through the testing screens of the analyzer and view test results.

2

Tip Cartridge Drawer

The user will insert the prefilled tip cartridge here prior to testing.

3

Reagent Cartridge Drawer

The user will insert the reagent cartridge here prior to testing.

4

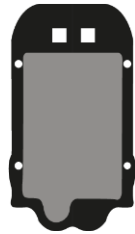
2 x USB Ports

USB Ports allow the user to add accessories e.g barcode scanner, printer and export test results via USB.

Simple Process



Collect sample



Add sample
to cartridge



Load sample
and tip
cartridges



Press start

Evidence MultiSTAT Process

User Steps



Step 1
Prepare sample and
add to cartridge



Step 2
Load reagent cartridge and
tip cartridge to MultiSTAT

Evidence MultiSTAT Process

Analyser Steps



Step 1

Assay diluent,
sample & conjugate
dispensed into
Biochip well



Step 2

Biochip
incubated



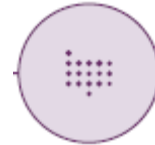
Step 3

Biochip
washed



Step 4

Signal reagent
dispensed into
Biochip well



Step 5

Biochip loaded into
image box and
chemiluminescence
measured



Step 6

Test results
reported
in under 20
minutes

A person wearing a white lab coat is shown from the side, interacting with a large, multi-screened piece of laboratory equipment. The person's hand is touching one of the screens. The background is a dimly lit laboratory with other equipment and a person working in the distance. The overall image has a dark, monochromatic aesthetic.

Evidence MultiSTAT
Test Menu

Blood

Cat. No. EV4195



6-MAM	10 ng/ml	Methadone	10 ng/ml
AB-CHMINACA	5 ng/ml	Methamphetamine	50 ng/ml
AB-PINACA	2 ng/ml	Opiates	80 ng/ml
Amphetamine	50 ng/ml	Oxycodone	10 ng/ml
BZG (Cocaine Metabolite)	25 ng/ml	PCP (Phencyclidine)	5 ng/ml
Barbiturates	50 ng/ml	Pregabalin	1000 ng/ml
Benzodiazepines	20 ng/ml	TCA (Tricyclic Anti-depressants)	60 ng/ml
Buprenorphine	2 ng/ml	THC (Cannabinoids)	10 ng/ml
EtG (Ethyl Glucuronide)	500 ng/ml	Tramadol	5 ng/ml
Fentanyl	1 ng/ml	α-PVP	5 ng/ml

Urine I

Cat. No. EV4193



6-MAM	10 ng/ml	JWH-018 (Synthetic Cannabinoids)	
AB-PINACA	2.5 ng/ml	Methadone	300 ng/ml
Amphetamine	200 ng/ml	Methamphetamine	200 ng/ml
BZG (Cocaine Metabolite)	150 ng/ml	Opiates	200 ng/ml
Barbiturates	200 ng/ml	Oxycodone	50 ng/ml
Benzodiazepines I	150ng/ml	TCA (Tricyclic Anti-depressants)	150ng/ml
Benzodiazepines II	150ng/ml	THC (Cannabinoids)	20 ng/ml
Buprenorphine	1 ng/ml	Tramadol	5 ng/ml
Creatinine	20 mg/ml	UR-144 (Synthetic Cannabinoids)	10 ng/ml
EtG (Ethyl Glucuronide)	750 ng/ml	α-PVP	5 ng/ml
Fentanyl	2 ng/ml		

Oral Fluid

Cat. No. EV4117



6-MAM	2 ng/ml	LSD	1 ng/ml
Amphetamine	50 ng/ml	Methadone	4 ng/ml
BZG (Cocaine Metabolite)	20 ng/ml	Methamphetamine	50 ng/ml
Barbiturates	50 ng/ml	Opiates	10 ng/ml
Benzodiazepines I	10 ng/ml	Oxycodone	8 ng/ml
Benzodiazepines II	10 ng/ml	PCP (Phencyclidine)	5 ng/ml
Buprenorphine	1 ng/ml	THC (Cannabinoids)	2 ng/ml
Fentanyl	1 ng/ml	Tramadol	4 ng/ml
JWH-018 (Synthetic Cannabinoids)	5 ng/ml	UR-144 (Synthetic Cannabinoids)	10 ng/ml
Ketamine	50 ng/ml	α-PVP	2 ng/ml