BIOBOON BIOTECH LLC

Innovative Diagnostics for a Healthier Tomorrow

Reliable Screening for a Safer Society

Ethyl Glucuronide (EtG) Rapid Test

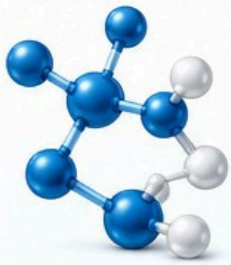
For detection of alcohol exposure in human urine

A qualitative immunoassay for the detection of Ethyl Glucuronide (EtG) in human urine.



- Rapid Results
- Easy to Use
- Reliable Screening
- High Accuracy
- Suitable for Professional & Institutional Use

WHAT IT DETECTS



Qualitative detection of **Ethyl Glucuronide (EtG)** in human urine.

Cut-off: 500 ng/mL.

EtG is a metabolite formed after exposure to alcohol and can be detected in urine for up to 80 hours.

TEST PRINCIPLE

Competitive-binding immunoassay.



Urine sample (contains EtG)

EtG in the sample competes with the conjugate for antibody binding sites.

Results are shown as visible **lines** on the test device.

SIMPLE TEST PROCEDURE

1. 
Bring **sealed pouch** to room temperature (15–30°C).

2. 

Open pouch and place cassette on a clean, level surface.

3. 
Add 3 **drops of urine** (approximately 50 µL).

4. 

Read at 5 minutes. Do not interpret after 10 minutes.

RESULT INTERPRETATION

POSITIVE



C line only

EtG at or above the 500 ng/mL cut-off.

NEGATIVE



C and T lines visible

EtG not detected or below the 500 ng/mL cut-off.

INVALID



No C line

Repeat with a new device.

SPECIMEN



- Human urine only.
- Use a clean, dry container.
- Urine collected at any time of the day may be used.
- Bring to room temperature before testing.

STORAGE AND STABILITY



- Store at 2–30°C.
- Do not freeze.
- Keep in sealed pouch until use.
- Do not use after expiry date.
- Do not use if pouch is damaged.

IMPORTANT

- For professional in vitro diagnostic use only.
- Positive results are preliminary and should be confirmed by a secondary method such as GC/MS.
- Read complete instructions for use before testing.

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