

Artron One Step Cassette Format Serum/Plasma HBsAg Test

Catalog No. A03-C

INTENDED USE

The Artron One Step HBsAg Test is a rapid immunochromatographic assay designed for qualitative determination of hepatitis B surface antigen (HBsAg) in human serum or plasma.

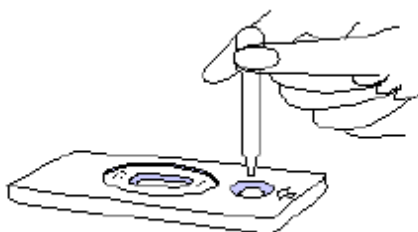
SPECIMEN COLLECTION AND PREPARATION

- The *Artron* HBsAg One Step Hepatitis B Surface Antigen Test Strip (Serum/Plasma) can be performed using either serum or plasma.
- Separate the serum or plasma from blood as soon as possible to avoid hemolysis. Only clear, non-hemolyzed specimens can be used.
- Testing should be performed immediately after the specimens have been collected. Do not leave the specimens at room temperature for prolonged periods. Specimens may be stored at 2-8°C for up to 3 days. For long-term storage, specimens should be kept below -20°C.
- Bring specimens to room temperature prior to testing. Frozen specimens must be completely thawed and mixed well prior to testing. Specimens should not be frozen and thawed repeatedly.

TEST PROCEDURE

Test must be in room temperature (18°C to 30°C)

1. Remove a Testing Device from the foil pouch by tearing at the "notch" and place it on a level surface.
2. Holding a Sample Dropper vertically add exactly four drops of the serum or plasma to the sample well (with an arrow marked).
3. Read results at ten minutes.



INTERPRETATION OF RESULTS

Positive: Two pink-rose bands appear one in the test region (T) and in the control region (C). A positive result indicates presence of HBsAg at ≥ 1 ng/ml.

Negative: One rose-pink band appears in the control region (C), with no band in the test region (T). A negative result indicates that HBsAg is not detected.

Invalid: There is no distinct color band visible both in the test region and in the control region, or there is a visible band only in the test region and not in the control region. The result is invalid due to deterioration of the test or improper test procedure. Repeat the test with a new Testing Device.



STORAGE AND STABILITY

The test kits can be stored at room temperature (18°C to 30°C) in the sealed pouch up to the expiration date. The test kits should be kept away from direct sunlight, moisture and heat.

PRECAUTION

1. For in vitro diagnostic use only.
2. Do not use test kit beyond expiry date.
3. The test device should not be reused.

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