

AspirinWorks[®] dhTXB₂/Creatinine)

(11-

CPT Code: 84431/82570

Order Code: Panel Code: C922

Includes: 11-Dehydro Thromboxane B2, Urine Creatinine

ABN Requirement: No

Synonyms: 11-Dehydrothromboxane B2; 11dhTxB2

Specimen: Urine

Volume: 4.0 mL

Minimum Volume: 2.0 mL

Container: One Cherry-Yellow Top tube **and** One Plain Yellow Top tube

Collection:

Cherry Yellow Top Tube:

1. Collect urine sample according to standard protocols.
2. Transfer one aliquot from a clean urine cup into a Yellow Top tube and a Cherry-Yellow Top tube using the vacutainer transfer devices included with each of the tubes.
3. Gently invert the cherry-yellow top tube 8-10 times.
4. Label sample according to standard protocols.

Plain Yellow Top Tube:

1. Collect urine sample according to standard protocols.
2. Transfer aliquot from a clean urine cup into a Yellow Top tube using the vacutainer transfer device included with the Yellow Top tube.
3. Label sample according to standard protocols.

Transport: Store urine at 2°C to 8°C after collection and ship the same day per packaging instructions provided with the Cleveland HeartLab shipping box.

Stability (Cherry-Yellow Top tube**):**

Ambient (15-25°C): 7 days

Refrigerated (2-8°C): 14 days

Frozen (-20°C): >14 days

Deep Frozen (-70°C): >14 days

See Urine Creatinine test for Yellow Top tube stability.

Causes for Rejection: Specimens other than urine collected in a Cherry-Yellow top tube and/or a plain Yellow Top tube; improper labeling; samples not stored properly; samples older than stability limits

Methodology: Enzyme-linked Immunoassay (ELISA), Calculation

Turn Around Time: 1 to 5 days

Reference Range (Status of Aspirin Effect):

| Age | 11-dhTXB ₂ /Creatinine (pg/mg) |
|----------|---|
| All Ages | ≤1500 |

Use: The AspirinWorks[®] test may be used in individuals with cardiovascular disease prior to initiation of aspirin therapy, or in individuals non-responsive to aspirin therapy.

Limitations: Test results may be affected by the ingestion of alcohol, green tea extract, chocolate, omega-3 fatty acids, ibuprofen, statins, or COX-2 inhibitors. Testing should not be performed on individuals suffering from urinary tract infections, severe liver disease or end stage renal disease. It is not known how treatment with oral anticoagulants, glycoprotein, IIb/IIIa inhibitors, clopidogrel, or heparin will affect test results.

Additional Information: It is important to interpret the results with regard to patient history and lifestyle, in particular medications and supplements, as well as other risk factors. The test should not be used to measure return of platelet function after discontinuation of aspirin therapy.

The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.