

LAB21084 Type and Screen, Cardiac

BMC

LIS Code

CTS

Specimen Type

Blood

Preferred Container

2 – 6 mL Pink (EDTA) top tubes AND 1 – 5 mL Lavender top tube

Volume Required

3 tubes (See preferred container)

Storage Requirements

Specimens from outreach centers should be kept refrigerated prior to and during shipment.

Transportation Needs

Specimens should be sent to the laboratory promptly

Specimens from outreach centers should be kept refrigerated prior to and during shipment.

Causes for Rejection

Mislabeled or unlabeled specimen

Gross hemolysis

Reflex Testing

When the Antibody Screen is positive an antibody identification will be performed and billed (CPT: 86870). In the event that a non-specific cold agglutinin has been identified, a cold agglutinin titer will be performed and billed (CPT: 86886).

Additional Information:

If ordered on an Outpatient:

The specimen will be used for crossmatching for up to 21 days if the patient meets the following criteria:

Cardiac Antibody Screen results are negative

Patient has not been pregnant in the last three months.

Patient has not been transfused within the last three months

Patient does not have a history of previously identified antibodies.

If the above criteria is not met a specimen for cardiac red cell products (Cardiac Type and Crossmatch) must be received 18-24 hours before scheduled surgery date.

The CTS will be billed (see CPT Codes below) on the outpatient visit.

The unit compatibility testing (CPT: 86920/unit crossmatched) will be performed on the day before the scheduled cardiac procedure and billed on the inpatient visit.

If atypical antibodies are detected additional specimen may be requested by the Blood Bank in order to complete testing.

If ordered on an Inpatient:

A CTS (Cardiac Type and Screen) can be converted to a crossmatch (CRCP) for up to 3 days.

If atypical antibodies are detected additional specimen may be requested by the Blood Bank in order to complete testing.

Available STAT

Yes

CPT Code

86900, 86901, 86850, 86920 per unit crossmatched