

C.D.C. Crossmatch

Introduction: Cross matching is a process where patient serum and donor cells are mixed. The addition of complement will lyse cells that have bound antibody. The addition of stain will determine live and dead cells. All patients need a negative crossmatch prior to transplantation.

Specimens:

Donors: 10 ml Sodium Heparin (Green Top) tubes. Blood drawn and transported over long distances should be drawn in an ACD (Yellow Top) tube.

Recipient: The same tubes as above. Additionally a SST (Gold Top) is needed for serum.