
Lab Dept: Serology

Test Name: HLA AUTO CROSSMATCH, RECIPIENT

General Information

Lab Order Codes: ATOXM

Synonyms: Auto-Flow Crossmatch; T & B Lymphocyte, Flow Crossmatch

CPT Codes: 86825 x2 – Human leukocyte antigen (HLA) crossmatch, non-cytotoxic; first serum sample or dilution

Test Includes: Selected patient sera are titrated and crossmatched against allogenic and autologous T and B lymphocytes

Logistics

Test Indications: Determine presence or absence in potential recipient's serum of HLA antibody reactive with potential donor's cells which may result in hyperacute rejection of a transplant.

Lab Testing Sections: Serology – Sendouts

Referred to: Fairview University (FV Test: ATOXMR)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Monday – Thursday ONLY, Do not collect on a Friday, weekend or holiday

Turnaround Time: Results are reported within 5 days

Special Instructions: Collect specimen prior to dialysis. Inform lab if patient is receiving Rituximab. Testing must be performed within 3 days of collection.

Specimen

Specimen Type: Blood

Container: Red top (NO GEL) and Yellow (ACD, Solution A) tubes

Draw Volume:	Optimal: 14 mL in Red (NO GEL) and 40 mL in Yellow (ACD, Sol A) Minimum/Peds <8 yrs: 3 mL in Red (NO GEL) and 10 mL in Yellow (ACD, Sol A) Call Fairview Immunology (612-273-3100) for additional minimum volume information. Use of minimum volumes is discouraged for any patient over 8 years old.
Processed Volume:	Specimen will be processed at reference lab, Fairview Immunology (UMMC-East Bank)
Collection:	Routine blood collection
Special Processing:	Lab Staff: DO NOT centrifuge. Specimen should remain in original collection container. Store and ship specimen at ambient temperature. Forward promptly.
Patient Preparation:	See Special Instructions
Sample Rejection:	Mislabeled or unlabeled specimens; clotted ACD specimen; gross hemolysis; immunosuppression drug interference

Interpretive

Reference Range:	Interpretive report
Critical Values:	N/A
Limitations:	N/A
Methodology:	Flow cytometry
Contraindications:	Serum will not clot (if collected during or immediately after dialysis)
References:	Fairview University Laboratory Test Guide June 2018