
Lab Dept: Fanconi Anemia

Test Name: ANATOMIC PATHOLOGY

General Information

Lab Order Codes: FANCM

Synonyms: Fanconi Mutagen Sensitivity Study; DEB Test; Mutagen Stress Test; Mitomycin C Test

CPT Codes: 88230 – Tissue culture for non-neoplastic disorders; lymphocyte
88249 – Chromosome analysis for breakage syndromes; score 100 cells, clastogen stress

Test Includes: Diagnostic report

Logistics

Test Indications: Useful for the differential diagnosis between idiopathic aplastic anemia and Fanconi anemia. After treatment with similar doses of bifunctional alkylating agents such as Diepoxybutane (DEB) or Mitomycin C (MMC). Fanconi anemia patients will typically show a greater than 50-fold increase in rates of chromosome breakage compared to concurrent controls or other aplastic anemia patients.

Lab Testing Sections: Anatomic Pathology - Sendouts

Referred to: Fairview University Medical Center

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: Performed daily; results are reported within 7-14 days

Special Instructions: Please provide diagnosis (or reason for referral), clinical status, information regarding medication or transfusions. Obtain Green Sodium Heparin (no gel) tube from the laboratory.

Specimen

Specimen Type: Whole blood

Container: Green top (Sodium Heparin, no gel) tube. Obtain from laboratory.

Draw Volume:	10 mL preferred (Minimum: 5 mL) whole blood
Processed Volume:	Same as Draw Volume
Collection:	Routine venipuncture
Special Processing:	Lab Staff: Store and ship specimen at room temperature. Do Not centrifuge or freeze. Specimen must arrive at reference laboratory within 24 hours.
Patient Preparation:	None
Sample Rejection:	Clotted specimen; mislabeled or unlabeled specimen

Interpretive

Reference Range:	Interpretive report
Critical Values:	N/A
Limitations:	N/A
Methodology:	Determined by laboratory director based on clinical information
References:	Fairview University Web Page January 2012
Updates:	2/5/2013: CPT update 12/8/2015: Order code change.