MAYO CLINIC
Mayo Medical Laboratories

Test Definition: SCE

Chromosome Analysis, Sister Chromatid Exchange (SCE) for Bloom Syndrome, Blood

Reporting Title: Chromosomes, Sister Chromatid Exch
Performing Location: Rochester

Specimen Requirements:

Provide a reason for referral with each specimen. The laboratory will not reject testing if this information is not provided, but appropriate testing and interpretation may be compromised or delayed.

Container/Tube: Green top (sodium heparin)
Specimen Volume: 5 mL
Collection Instructions:
1. Invert several times to mix blood.
2. Other anticoagulants are not recommended and are harmful to the viability of the cells.
Additional Information: Advise Express Mail or equivalent if not on courier service.
Forms:
1. New York Clients-Informed consent is required. Please document on the request form or electronic order that a copy is on file. An Informed Consent for Genetic Testing (Supply T576) is available in Special Instructions.
2. If not ordering electronically, submit a Cytogenetics/AFP Congenital Disorders Request Form (Supply T238) with the specimen.

Specimen Type	Temperature	Time
WB Sodium Heparin	Ambient (preferred)	
	Refrigerated	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
SCE	CG382	Reason for Referral	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
15963	Specimen	Alphanumeric		31208-2
16320	Specimen ID	Alphanumeric		N/A
16778	Source	Alphanumeric		N/A
15964	Order Date	Alphanumeric		N/A
CG382	Reason For Referral	Alphanumeric		42349-1

Result ID	Reporting Name	Type	Unit	LOINC®
15968	Method	Alphanumeric		In Process
50474	Banding Methods	Alphanumeric		62359-5
15970	Results	Alphanumeric		In Process
15971	Interpretation	Alphanumeric		69965-2
15972	Amendment	Alphanumeric		In Process
15973	Consultant	Alphanumeric		N/A
15974	Report Date	Alphanumeric		N/A

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
Billing only	Cytogenetic Interp/Report	1	88291		
Billing only	Tissue Culture	1	88230		
Billing only	Chromosome Analysis for breakage syndromes	1	88245		

Reference Values:

An interpretive report will be provided.