

Reporting Title: Known 45,X Mosaicism Reflex, FISH
Performing Location: Mayo Clinic Laboratories - Rochester Main Campus

Ordering Guidance:
This test **does not detect** other chromosomal or structural anomalies and is intended to be ordered after a complete chromosome analysis.

Shipping Instructions:
Advise Express Mail or equivalent if not on courier service.

Necessary Information:
A reason for testing must be provided. The laboratory will not reject testing if this information is not provided however an applicable indication for testing may be entered by Mayo Clinic Laboratories. Appropriate testing and interpretation may be compromised or delayed.

Specimen Requirements:
Container/Tube:
Preferred: Green top (sodium heparin)
Acceptable: Lavender top (EDTA) or yellow top (ACD)
Specimen Volume: 4 mL
Collection Instructions
1. Invert several times to mix blood.
2. Send whole blood specimen in original tube. **Do not aliquot.**
3. Other anticoagulants are not recommended and are harmful to the viability of the cells.
4. Cord blood is acceptable

Additional Information:
1. If the specimen does not grow in culture, you will be notified within 7 days of receipt.
2. **Specimen cannot be frozen.**

Forms:
New York Clients-Informed consent is required. Document on the request form or electronic order that a copy is on file.
The following documents are available:
[-Informed Consent for Genetic Testing \(T576\)](#)
[-Informed Consent for Genetic Testing-Spanish \(T826\)](#)

Specimen Type	Temperature	Time	Special Container
Whole blood	Ambient (preferred)		
	Refrigerated		

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
XYMF	CG668	Reason for Referral	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
51844	Result Summary	Alphanumeric		50397-9
51846	Interpretation	Alphanumeric		69965-2
54537	Result	Alphanumeric		62356-1
CG668	Reason for Referral	Alphanumeric		42349-1
51847	Specimen	Alphanumeric		31208-2
51848	Source	Alphanumeric		31208-2
51849	Method	Alphanumeric		85069-3
54451	Additional Information	Alphanumeric		48767-8
51850	Released By	Alphanumeric		18771-6
55279	Disclaimer	Alphanumeric		62364-5

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

- 88271x2, 88291-DNA probe, each (first probe set), Interpretation and report
- 88271x2-DNA probe, each; each additional probe set (if appropriate)
- 88271x1-DNA probe, each; coverage for sets containing 3 probes (if appropriate)
- 88271x2-DNA probe, each; coverage for sets containing 4 probes (if appropriate)
- 88271x3-DNA probe, each; coverage for sets containing 5 probes (if appropriate)
- 88274 w/modifier 52-Interphase in situ hybridization, <25 cells, each probe set (if appropriate)
- 88274-Interphase in situ hybridization, 25 to 99 cells, each probe set (if appropriate)

Reflex Tests:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
_I099	Interphases, 25-99	1	88274	No	No, (Bill Only)
_I300	Interphases, >=100	1	88275	No	No, (Bill Only)
_IL25	Interphases, <25	1	88274	No	No, (Bill Only)
_PADD	Probe, +1	1	88271	No	No, (Bill Only)
_PB02	Probe, +2	1	88271	No	No, (Bill Only)
_PB03	Probe, +3	1	88271	No	No, (Bill Only)
_PBCT	Probe, +2	1	88271	No	No, (Bill Only)

Reference Values:

An interpretive report will be provided.