MAYO CLINIC
Mayo Medical Laboratories

# Test Definition: IHCO

Mismatch Repair (MMR) Protein Immunohistochemistry Only, Tumor

**Reporting Title:** MMR Protein, IHC Only, Tumor
**Performing Location:** Rochester

## Specimen Requirements:

Tumor and normal tissue are required.

Specimen Type: Tissue block and slide
Collection Instructions:
1. Submit formalin-fixed, paraffin-embedded tissue block (preferred) or 1 slide stained with hematoxylin-and-eosin and 10 unstained, nonbaked slides (5-micron thick sections) of the tumor tissue.
2. Sections should contain both tumor and normal tissue.
Forms:
1. Molecular Genetics-Inherited Cancer Syndromes Patient Information Sheet (Supply T519) in Special Instructions
2. If not ordering electronically, submit a Molecular Genetics Request Form (Supply T245) with the specimen.

| Specimen Type | Temperature | Time |
|---|---|---|
| Varies | Ambient (preferred) | |
| | Frozen | |
| | Refrigerated | |

## Result Codes:

| Result ID | Reporting Name | Type | Unit | LOINC® |
|---|---|---|---|---|
| 29685 | Specimen | Alphanumeric | | 31208-2 |
| 29686 | Specimen ID | Alphanumeric | | In Process |
| 29687 | Source | Alphanumeric | | N/A |
| 29688 | Order Date | Alphanumeric | | N/A |
| 29689 | Reason For Referral | Alphanumeric | | 42349-1 |
| 29690 | Method | Alphanumeric | | 49549-9 |
| 29691 | MLH1 IHC | Alphanumeric | | 50322-7 |
| 29692 | MSH2 IHC | Alphanumeric | | 50323-5 |
| 29693 | MSH6 IHC | Alphanumeric | | 50324-3 |
| 29694 | PMS2 IHC | Alphanumeric | | 50328-4 |
| 29695 | Result | Alphanumeric | | In Process |
| 29696 | Interpretation | Alphanumeric | | 59465-5 |

| Result ID | Reporting Name | Type | Unit | LOINC® |
|---|---|---|---|---|
| 29697 | Amendment | Alphanumeric | | In Process |
| 29698 | Reviewed By: | Alphanumeric | | In Process |
| 29699 | Release Date | Alphanumeric | | N/A |

## CPT Code Information:

MLH-1, Immunostain
88342 (if appropriate)
MSH-2, Immunostain
88342 (if appropriate)
MSH-6, Immunostain
88342 (if appropriate)
PMS-2, Immunostain
88342 (if appropriate)

## Reflex Tests:

| Test ID | Reporting Name | CPT Units | CPT Code | Always Performed | Orderable Separately |
|---|---|---|---|---|---|
| MLH1B | MLH-1, Immunostain | 1 | 88342 | Yes | No (bill only) |
| MSH2B | MSH-2, Immunostain | 1 | 88342 | Yes | No (bill only) |
| MSH6B | MSH-6, Immunostain | 1 | 88342 | Yes | No (bill only) |
| PMS2B | PMS-2, Immunostain | 1 | 88342 | Yes | No (bill only) |

## Reference Values:

An interpretive report will be provided.