MAYO CLINIC
Mayo Medical Laboratories

# Test Definition: HEPB

Hepatitis B Profile, Serum

**Reporting Title:** Hepatitis B Profile, P/S
**Performing Location:** New England

## Specimen Requirements:

Collection Container/Tube: Red top or serum gel
Submission Container/Tube: Plastic vial
Specimen Volume: 3 mL
Collection Instructions: Spin down and remove serum from clot within 24 hours.
Additional Information: Date of draw is required.

| Specimen Type | Temperature | Time |
|---|---|---|
| Serum SST | Frozen (preferred) | |
| | Refrigerated | 7 days |
| | Ambient | 24 hours |

## Result Codes:

| Result ID | Reporting Name | Type | Unit | LOINC® |
|---|---|---|---|---|
| H_BAG | HBs Antigen, S<br>**Also used by tests: HBAG** | Alphanumeric | | 5195-3 |
| CORAB | HBc Total Ab, w/Reflex, S<br>**Also used by tests: CORAB** | Alphanumeric | | 16933-4 |
| HB_AB | HBs Antibody, S<br>**Also used by tests: HBAB** | Alphanumeric | | 22322-2 |
| HBSQN | HBs Antibody, Quantitative, S<br>**Also used by tests: HBAB** | Alphanumeric | mIU/mL | 16935-9 |

## Components:

| Test ID | Reporting Name | CPT Units | CPT Code | Always Performed | Orderable Separately |
|---|---|---|---|---|---|
| HBAG | HBs Antigen, S | 1 | 87340 | Yes | Yes |
| CORAB | HBc Total Ab, w/Reflex, S | 1 | 86704 | Yes | Yes |

| Test ID | Reporting Name | CPT Units | CPT Code | Always Performed | Orderable Separately |
|---|---|---|---|---|---|
| HBAB | HBs Antibody, S | 1 | 86706 | Yes | Yes |

## Reflex Tests:

| Test ID | Reporting Name | CPT Units | CPT Code | Always Performed | Orderable Separately |
|---|---|---|---|---|---|
| HBGNT | HBs Antigen Confirmation, S | 1 | 87341 | No | No |
| HBIM | HBc IgM Ab, S | 1 | 86705 | No | Yes |

## Result Codes for Reflex Tests:

| Test ID | Result ID | Reporting Name | Type | Unit | LOINC® |
|---|---|---|---|---|---|
| HBGNT | HBGNT | HBs Antigen Confirmation, S | Alphanumeric | | 5195-3 |
| HBIM | HBIM | HBc IgM Ab, S | Alphanumeric | | 31204-1 |

## Reference Values:

HEPATITIS B SURFACE ANTIGEN
Negative

HEPATITIS B CORE TOTAL ANTIBODY
Negative

HEPATITIS B SURFACE ANTIBODY
Unvaccinated: negative
Vaccinated: positive

HEPATITIS B SURFACE ANTIBODY, QUANTITATIVE
Unvaccinated: <10.0
Vaccinated: > or =10.0

Interpretation depends on clinical setting.
See Viral Hepatitis Serologic Profiles in Special Instructions.