Electronic Health Record (EHR) Instructions:

Searching, Selecting, and Preferencing a Quantitative Hepatitis B Surface Antigen (HBsAg) Test From the Facility List in the Epic EHR

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Background and limitations

Hepatitis B surface antigen (HBsAg) is a viral surface protein and key marker of acute or active chronic hepatitis B virus (HBV) infection.[1] Quantitative HBsAg testing measures the amount of HBV surface protein circulating in the blood (IU/mL), providing a more precise and clinically meaningful measure than qualitative testing alone.[2,3] Quantitative HBsAg levels inform prognosis, support treatment eligibility assessments, and allow clinicians to monitor therapy response and help track a patient's progress toward functional cure.[3]

The quantitative HBsAg test can be ordered in the Epic Electronic Health Record (EHR) system and preferenced (made into a favorite item) to make future ordering easier. This resource includes a step-by-step guide to search, select, and preference a quantitative test in Epic. For billing purposes, the Current Procedural Terminology (CPT) code for an HBsAg test is 87467.[4]

These instructions were created specifically to search, select, and preference a quantitative HBsAg test from the facility list in the Epic EHR. These instructions are not appropriate for other conditions or therapeutic areas or for other EHR systems. The processes outlined are variable and not all steps will apply to every user. Any steps or settings that are not part of a user's standard process should be excluded or modified accordingly. Any questions should be directed to the appropriate service provider.

Instructions for searching for the quantitative hepatitis B surface antigen test in Epic

1. In a patient's chart, access the **Order Entry** mode
2. In the **Order Search** screen, select the **Facility List** tab in the top right of the order search window. The **Facility List** tab includes all orders and procedures (including medications) that are orderable at a specific hospital or location. It typically will include all Pharmacy and Therapeutics (P&T) approved orders
3. In the search field enter "Hepatitis B surface antigen." All matches will display (note that naming conventions may vary by institution and synonyms may be used to find the desired order)

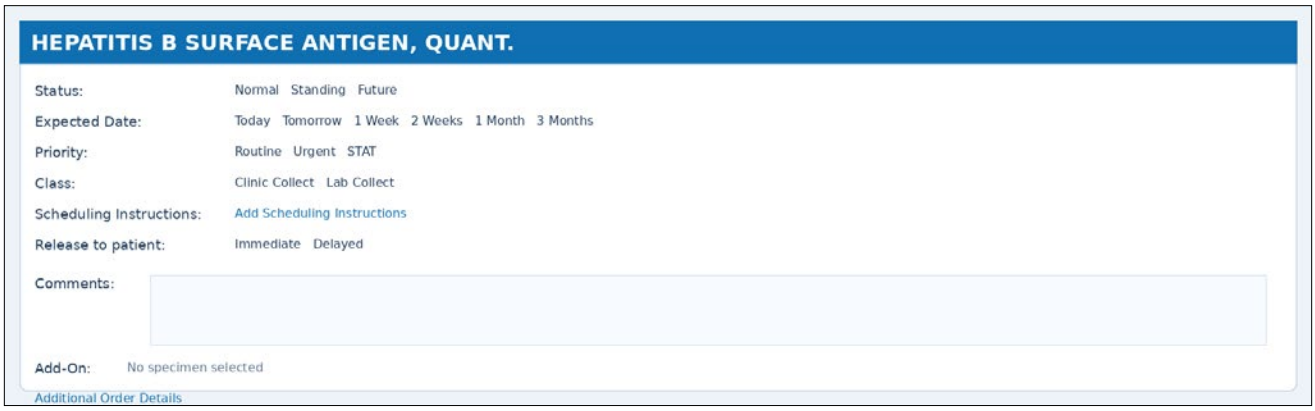


For illustrative purposes only. Example of the Order Search. The **Facility List** tab is selected on the top right. All matches will display in the list.

Note: Not all criteria/information may be documented in structured fields in the EHR. Review current documentation practices and available data. It is recommended to manually review the patient's chart to confirm eligibility.

Instructions for selecting the quantitative hepatitis B surface antigen test in Epic

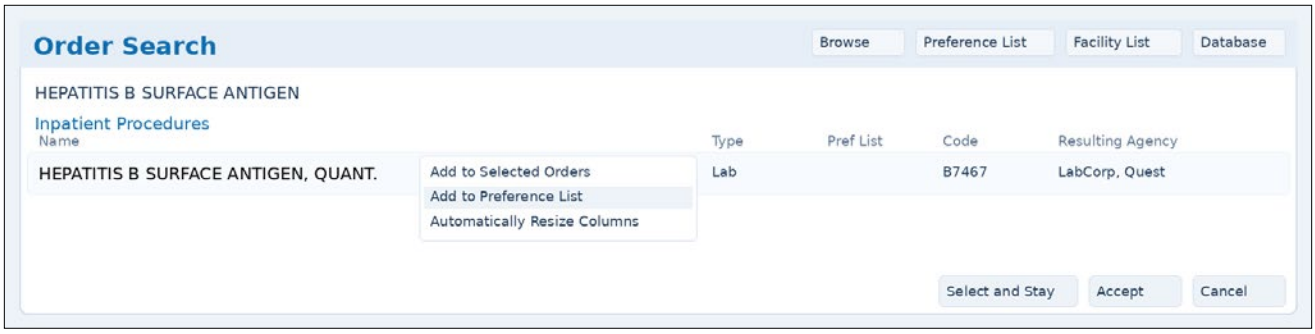
1. Select the desired order from the list. A new window will display
2. Complete all order details in the new window with the test details
3. Click **Accept** when the order is complete



For illustrative purposes only. Example of the order details screen. The provider should complete all order details.

Instructions for preferencing the quantitative hepatitis B surface antigen test in Epic

1. In the **Order Search** window, navigate to the list of orders
2. Right-click on the name of the order in the list
3. From a drop-down list, select **Add to Preference List** and select the desired order category



For illustrative purposes only. Example of the order screen. After right-clicking the name of the order, the option to add the order to the Preference List (Favorites folder) will display.

Disclaimers

- The user (ie, physician, medical group, integrated delivery network) shall be solely responsible for implementation, testing, and monitoring of the instructions to ensure proper orientation in each user's EHR system
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References: 1. Clinical testing and diagnosis for hepatitis B. Centers for Disease Control and Prevention. Accessed June 5, 2026. https://www.cdc.gov/hepatitis-b/hcp/diagnosis-testing/index.html **2.** Cornberg M, et al. *J Hepatol.* 2017;66(2):398–411. **3.** Vachon A, et al. *Viruses.* 2021;13(6):951. **4.** CPT® 87467 under infectious agent antigen detection. Codify by AAPC. Accessed June 2, 2026. https://www.aapc.com/codes/cpt-codes/87467

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