**HBVsAg adw Mutant G-145-R**
Recombinant Hepatitis B Surface Antigen adw subtype, Mutant G-145-R recombinant, *Pichia pastoris*

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Amount</th>
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<tbody>
<tr>
<td>PR-1189-1</td>
<td>1 mg</td>
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*For in vitro use only!*

**Shipping:** shipped on blue ice  
**Storage Conditions:** store at 4 °C  
**Additional Storage Conditions:** avoid freeze/thaw cycles  
**Shelf Life:** 12 months  
**Purity:** > 85 % (SDS-PAGE)  
**Forms:** liquid [Supplied in 20 mM Na₂HPO₄, 0.03 M NaCl and 0.001% Thimerosal pH 7.4]  
**pH:** 7.4

**Applications:** Antigen in ELISA and Western blots, excellent antigen for detection of HBV with minimal specificity problems.

**Description:** Recombinant HBsAg adw antigen was mutated by replacing the Glycine residue at position 145 with Arginine. HBsAg is the surface antigen of the Hepatitis-B-Virus (HBV). The capsid of a virus has different surface proteins from the rest of the virus. The antigen is a protein that binds specifically on one of these surface proteins. It is commonly referred to as the Australian Antigen.

**Specificity:** Immunoreactive with sera of HBV-infected individuals.

**Selected References:**  