



Update

HIV Screen and Hepatitis B Surface Antigen Assays

Effective July 24, 2017, we will implement vendor reagent updates for the HIV Screen and the Hepatitis B Surface Antigen (HBsAg) assays. This will require a tube type change for the HIV Screen.

- **HIV Screen** – The updated HIV Screen will detect the presence of HIV-1 p24 antigen, in addition to the HIV-1 (including subgroup O) and HIV-2 antibodies.
- **Hepatitis B Surface Antigen** – The updated HBsAg assay will now detect additional mutations of the Hepatitis B surface antigen. See HBsAg Mutation List on Table 1 below.

Table 1. HBsAg Mutation List

Mutation Type	Amino Acid Position Substitution
Single	Y161H, C124R, C137W, D144A, F134H, F134N, G130D, G145R, K122I, K122T, M133L, Q129H, T123N, T126S, T131N, T143L, T143M
Double	K122N + G145R, T123N + G145R
Triple	M133I + F134H + D144V, T126S + Q129H + M133L
Insertion	122RA123, 122RG123, 123RGT124

Note/Action Required:

HIV Screen

- The tube has changed from red top to white top.
- HIV-1 p24 antigen has been added to the HIV Screen.
- There is no change to methodology.

HBsAg

- No tube change.
- HBsAg will detect additional mutations.
- There is no change to methodology.

If you have any questions, please contact Customer Service at 800.800.5655, Option 1.