Legacy Laboratory Services

Legacy LabAlert

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An Important Update from Legacy Laboratory Services

Updated Reporting Format for HIV and HCV Viral Load Testing

Effective today, Legacy Laboratory Services has updated the reporting format for HIV and HCV viral load testing. The updated format intends to communicate results to clinicians more clearly by providing quantitative results (when applicable) as well as an interpretive statement that indicates whether the target was 'Detected' or 'Not Detected'. Quantitative results are provided when the value is within the clinical reportable range (scenario #3 in Table 1). If the result is between the method's limit of detection (LOD) and lower limit of quantitation (LLOQ), the interpretation will be 'Detected' and the concentration reported as '<X', where X is the LLOQ of the method (scenario #2 in Table 1). Similarly, if the result is above the upper limit of quantitation (ULOQ), the interpretation will be 'Detected' and the concentration reported as '>Y', where Y is the ULOQ (scenario #4 in Table 1). Results below the LOD are reported as 'Not Detected' (scenario #1 in Table 1).

Table 1: Updated Reporting Guidelines for HIV and HCV Viral Load Testing

HIV Viral Load				
Scenario	#1	#2	#3	#4
Result				
Copies/mL	Target Not Detected	16.5-19	20-10,000,000	Any value >10,000,000
Log	Target Not Detected	1.22-1.28	1.3 – 7.0	Any value >7.0
What is Reported in Cerner				
Copies/mL	Not Detected	<20	20 – 10,000,000	>10,000,000
Log	Not Detected	<1.3	1.3 – 7.0	>7.0
HIV Interp	Not Detected	Detected	Detected	Detected

LOD = 16.5 copies/mL; LLOQ = 20 copies/mL; ULOQ = 10,000,000 copies/mL

HCV Viral Load				
Scenario	#1	#2	#3	#4
Result				
IU/mL	Target Not Detected	10-14	15 – 100,000,000	Any value >100,000,000
Log	Target Not Detected	1.00-1.15	1.2 – 8.0	Any value >8.0
What is Reported in Cerner				
IU/mL	Not Detected	<15	15 – 100,000,000	>100,000,000
Log	Not Detected	<1.2	1.2 – 8.0	>8.0
HCV Interp	Not Detected	Detected	Detected	Detected

LOD = 10 IU/mL; LLOQ = 15 IU/mL; ULOQ = 100,000,000 IU/mL

For specific questions, please contact:
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