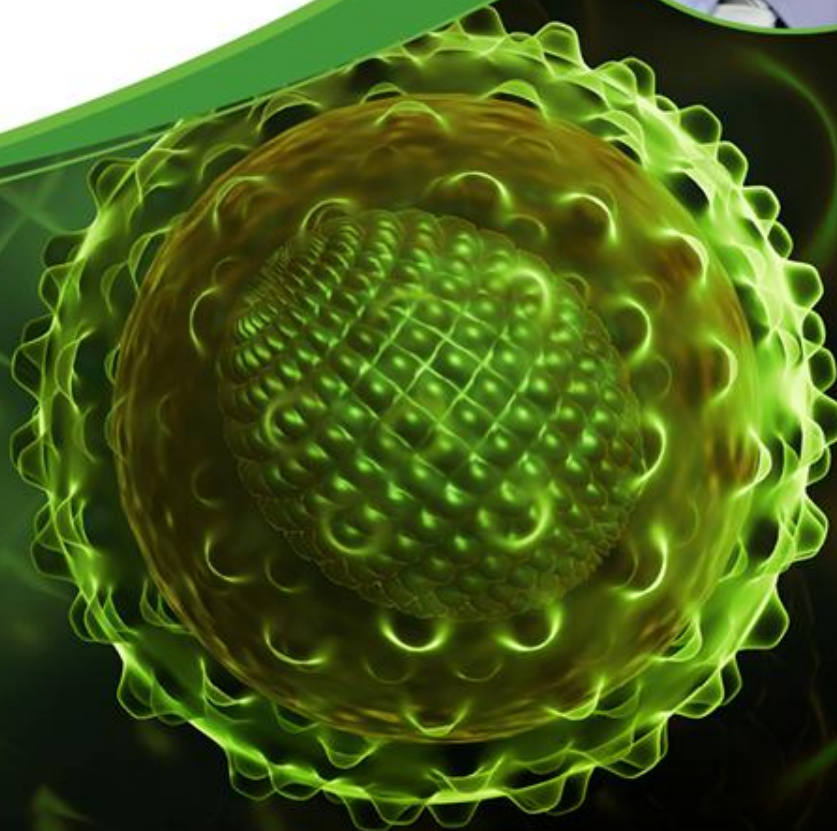
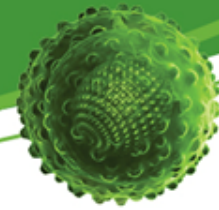




Abbott RealTime HCV Assay



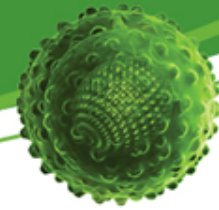
Acceptance Criteria for HCV VL Assay in Clinical Trials



Basic Requirements

- Realtime PCR
- Sensitivity / Linearity
- Accuracy
- Precision
- No Genotype Bias

Acceptance Criteria for HCV VL Assay in Clinical Trials



Basic Requirements

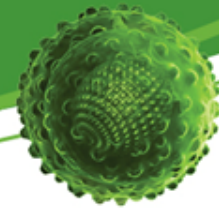
- Realtime PCR
- Sensitivity / Linearity
- Accuracy
- Precision
- No Genotype Bias

Not all realtime PCR assays are the same

- Probe Design
- Cycling Conditions
- Extraction Chemistry
- Calibration Strategy

Does it matter?

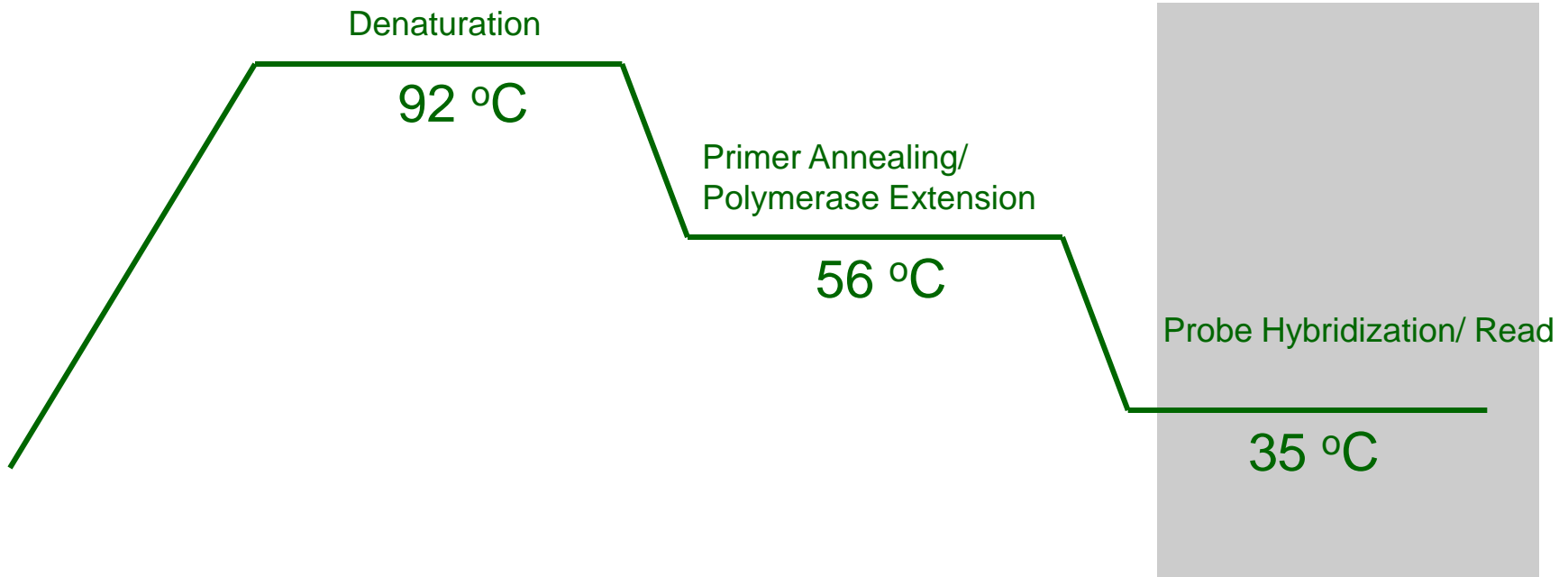
Abbott RealTime HCV Cycling Conditions



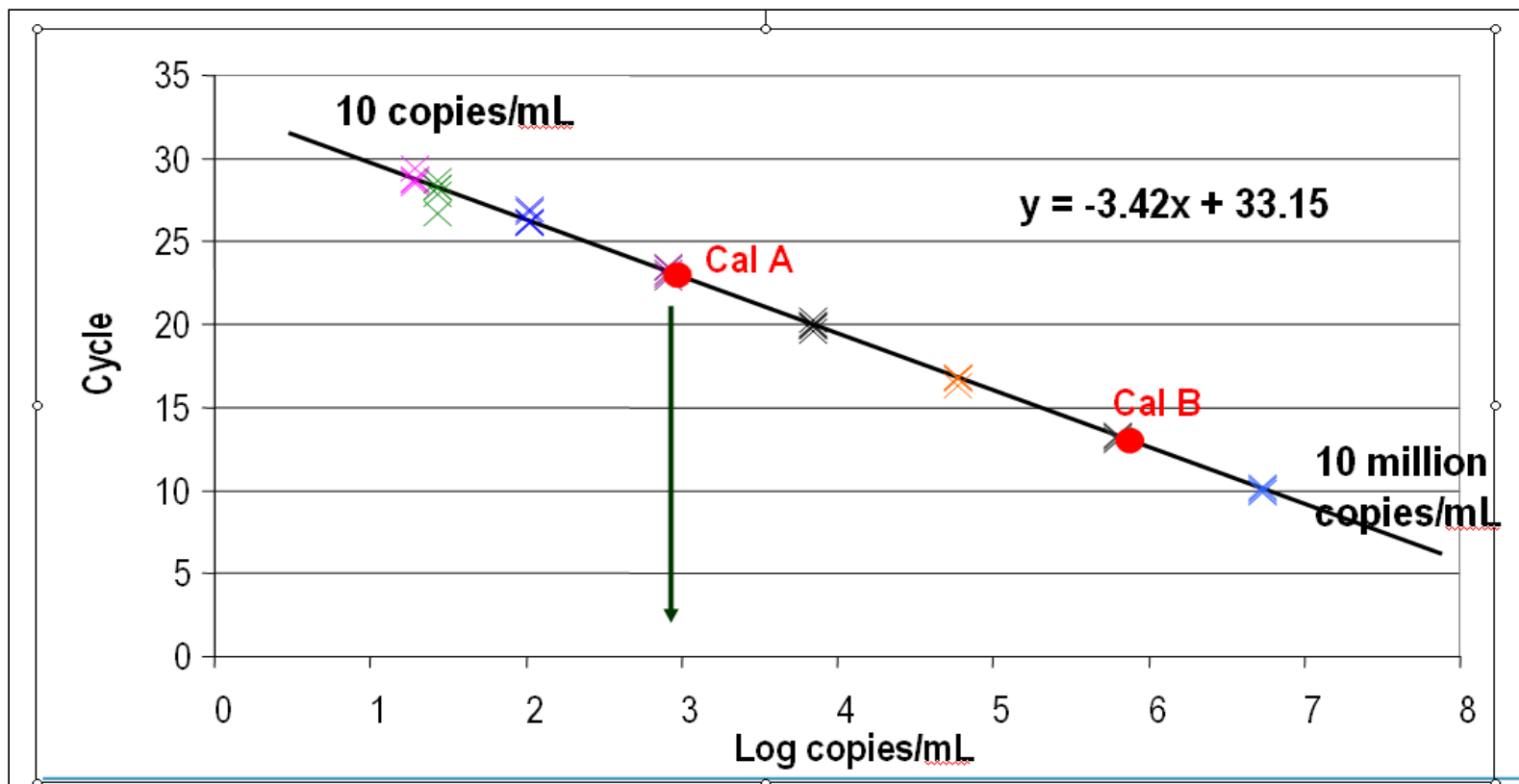
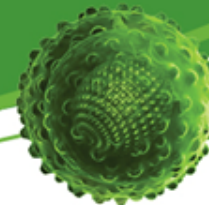
At The Center of Innovation

Low Temperature Read Cycles

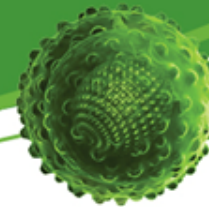
- Abbott RealTime HCV assay encompass a low temperature read cycle which allows the probe to tolerate mismatches more effectively.



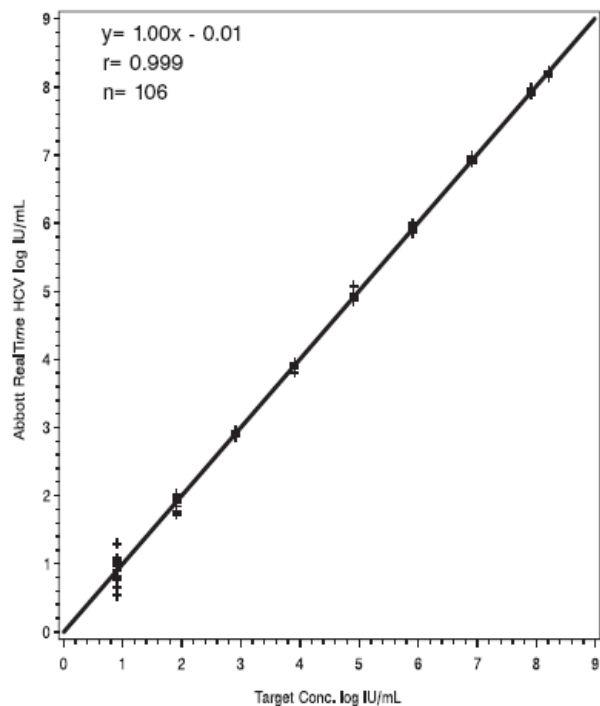
Abbott RealTime HCV Calibration Strategy



Abbott RealTime HCV Linearity



Abbott RealTime HCV
Linearity with Plasma



Abbott RealTime HCV (1N30) 51-608374/R1 package insert

Abbott RealTime HCV Linearity

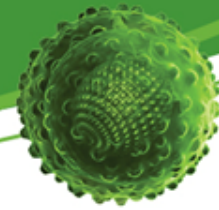
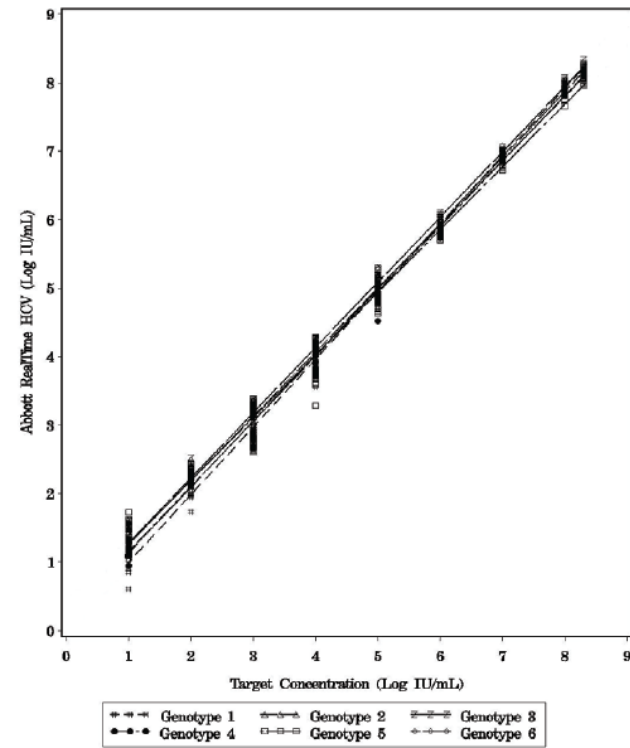
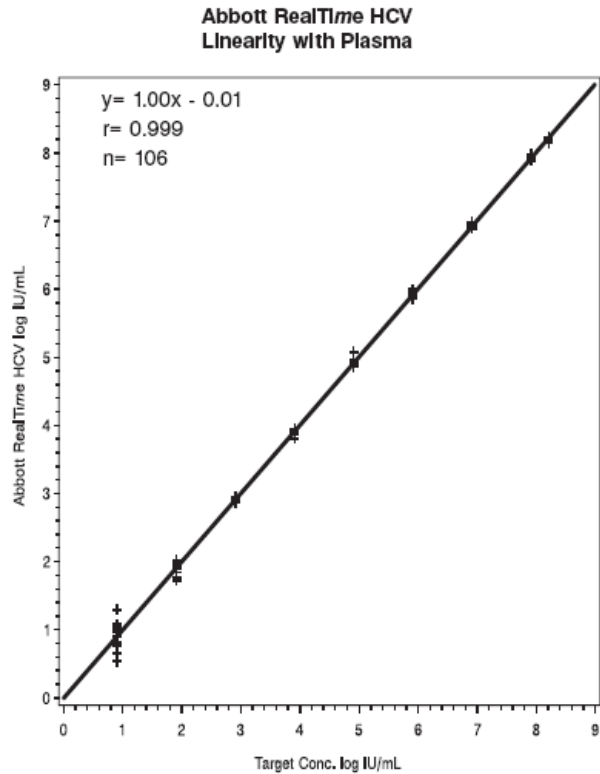
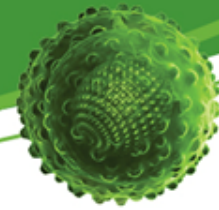


Figure 4
Abbott RealTime HCV
Linearity By Genotype



Abbott RealTime HCV (1N30) 51-608374/R1 package insert

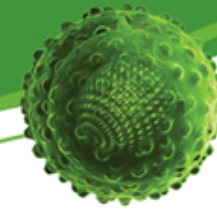
HCV VL Assay LOD/LOQ Comparison



	Abbott RealTime HCV m2000 (Automated)	Roche TaqMan HCV 1.0 CAP/CTM (Automated)	Roche TaqMan HCV 1.0 HighPure (Manual)
Limit of Detection	12 IU/mL	18 IU/mL	15 IU/mL
Limit of Quantitation	12 IU/mL	43 IU/mL	25 IU/mL

Abbott RealTime HCV VL assay LOD = LOQ

Reproducibility in a multi-site study



Twenty-one laboratories used Roche Taqman and nine used Abbott RealTime

