



# Geenius Solution

A Game Changer



# Geenius HIV 1/2 Confirmatory

The Bio-Rad Geenius HIV 1/2 Confirmatory Assay is a single-use immunochromatographic test for the confirmation and differentiation of individual antibodies to Human Immunodeficiency Virus Types 1 and 2 (HIV-1 and HIV-2) in fingerstick whole blood, venous whole blood, serum or plasma samples.



HIV-1 & HIV-2 confirmation and differentiation



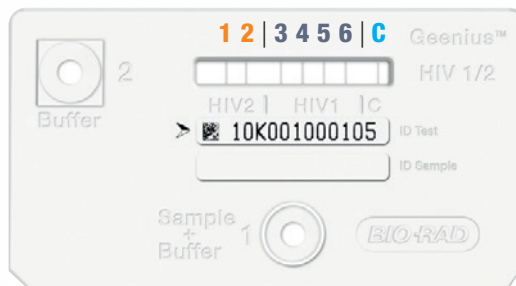
< 30 minutes



Room temperature storage



Automatic reading



- 1 Band 1** - gp36 (HIV-2, Envelope peptide) HIV-2 ENV
- 2 Band 2** - gp140 (HIV-2, Envelope peptide) HIV-2 ENV
- 3 Band 3** - p31 (HIV-1, Polymerase peptide) HIV-1 POL
- 4 Band 4** - gp160 (HIV-1, Envelope recombinant protein) HIV-1 ENV
- 5 Band 5** - p24 (HIV-1, Core recombinant protein) HIV-1 GAG
- 6 Band 6** - gp41 (Group M and O) HIV-1 ENV (HIV-1, Envelope peptide)
- C Control Band** - Protein A



- Listed on the following regulatory certifications: CE, FDA, TGA, ANVISA, Health Canada, CDSCO India, Thai FDA, Taiwan FDA
- Listed on the WHO prequalified IVD products list



# Geenius HCV Supplemental

Geenius HCV Supplemental Assay is a qualitative single-use immunochromatographic test for the confirmation of the presence of antibodies associated with infection caused by the Hepatitis C Virus (HCV) in human venous whole blood, serum or plasma specimens from blood donors or hospitalized patients.



Unitary HCV Supplemental Assay



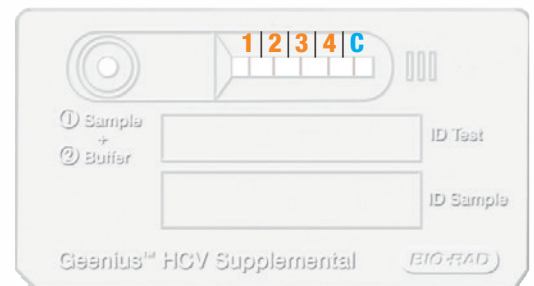
20 minutes



Room temperature storage



Automatic reading



- 1** Band 1 - NS4 antigen peptides
- 2** Band 2 - NS5 recombinant protein
- 3** Band 3 - Core antigen peptides
- 4** Band 4 - NS3 recombinant protein
- C** Control Band - Protein A



CE-marked

# Geenius Solution

A Game Changer

## One Patient. One Cartridge. One Result.



### Accurate Results

- Very high level of sensitivity and specificity
- Simple positivity criteria for easy overall interpretation
- Excellent differentiation rate



### Automatic Reading & Interpretation

- A tiny system with mighty possibilities, that can find its place easily in every laboratory
- Automated interpretation of each individual band
- Automatic conclusion of patient status using expert software and proprietary algorithms
- Intuitive and user friendly interface
- Minimal training required



### Full Traceability & Safety

- Unique datamatrix barcode on each cassette
- Automatic reader calibration
- Automatic checking of lot validation
- Positive identification of controls and patients
- Detailed report including cassette picture
- Secure data archiving
- Bidirectional interfacing with LIS



Geenius Controls



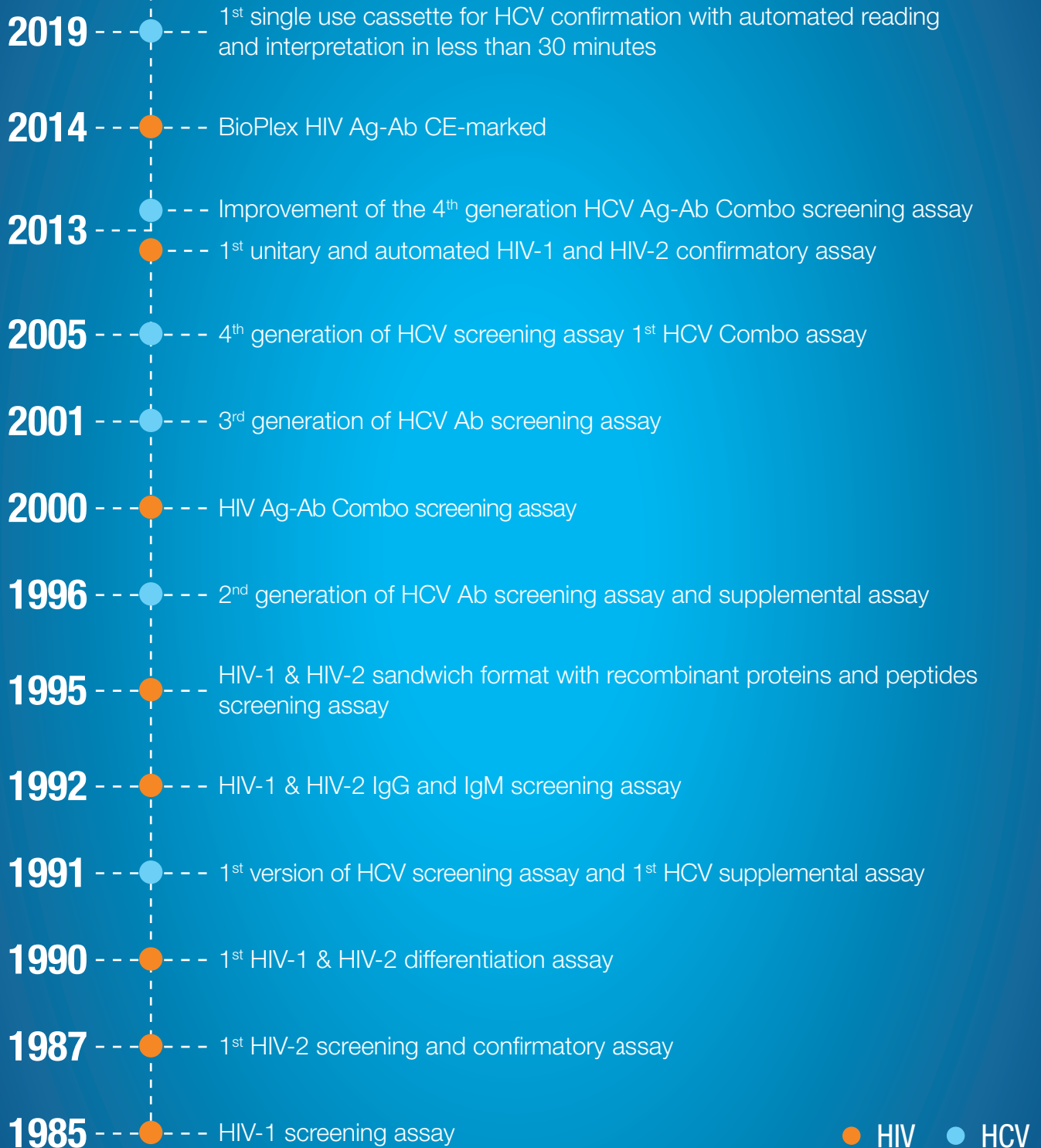
Geenius Assays

Visit [www.bio-rad.com/diagnostics](http://www.bio-rad.com/diagnostics) for more information.





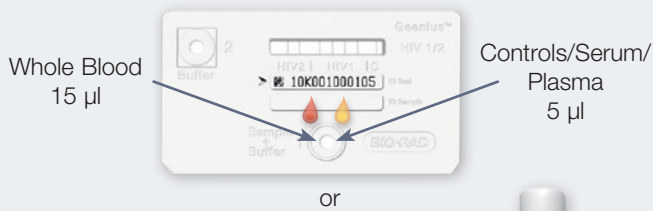
# Key Bio-Rad Milestones for Innovation in HIV and HCV Detection



Advance Discovery. Improve Lives.

# Protocol Geenius HIV 1/2 Confirmatory

**1** Dispense Controls or Samples into well 1



**2** Buffer  
2 Drops into well 1  
  
Wait 5-7 minutes



**3** Buffer  
5 Drops into well 2



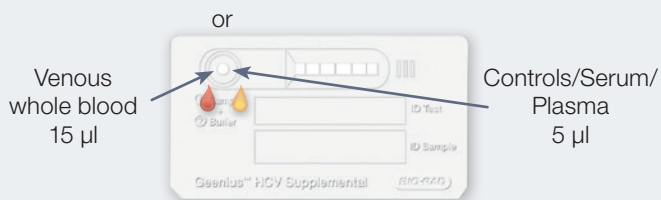
< 30 minutes

Read, interpret and report results



# Protocol Geenius HCV Supplemental

**1** Dispense Controls or Sample in "Sample + Buffer" Well



**2** Buffer  
4 Drops into "Sample + Buffer" Well



20 minutes

Read, interpret and report results



## Assays Ordering Information

Catalog #	Description
72460	<b>Geenius HIV 1/2 Confirmatory Assay</b> , 20 tests
72329	<b>Geenius HIV 1/2 Confirmatory Controls (1 Positive + 1 Negative)</b> , 2 x 120 µl
92501	<b>Geenius HCV Supplemental Assay</b> , 20 tests
92502	<b>Geenius HCV Supplemental Controls (1 Positive + 1 Negative)</b> , 2 x 150 µl

## System Ordering Information

Catalog #	Description
92465	<b>Geenius Reader</b> , 1 unit
12009704	<b>Geenius Mini-PC (Dell 3380 Win 10)</b> , 1 unit
92461	<b>Geenius Software</b> , 1 unit
94197	<b>Anti-theft System</b> , 1 unit

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