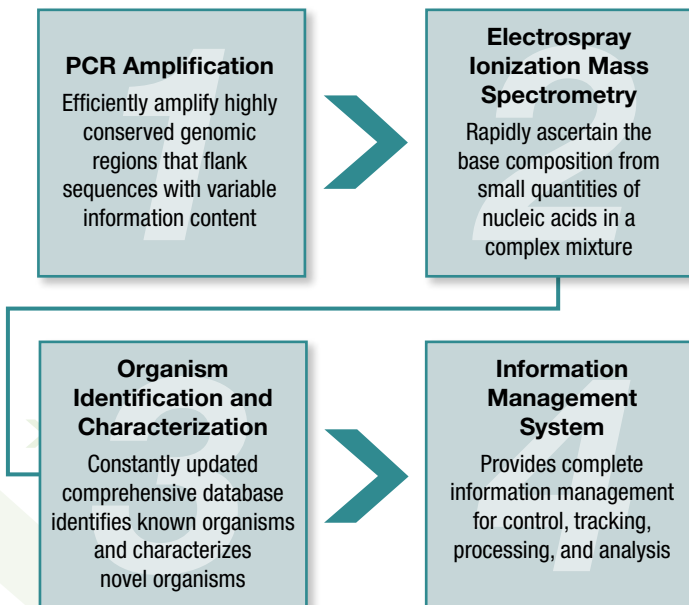


PLEX-ID Broad Viral I

PLEX-ID provides information for public health and biological research, biopharmaceutical development, and forensics.

- PLEX-ID can **detect and characterize** both known and previously unknown organisms found in a sample
- PLEX-ID combines the **sensitivity and specificity** of polymerase chain reaction (PCR), the **precision and accuracy** of mass spectrometry (mass spec), a **comprehensive database**, and an **identification algorithm**
- PLEX-ID can provide **consolidated analysis** of multiple components within **polymicrobial mixtures**
- PLEX-ID can deliver results **simply and in less than 8 hours**
- PLEX-ID consolidates the strengths of multiple testing technologies to **generate a broad range of data**



PLEX-ID Workflow

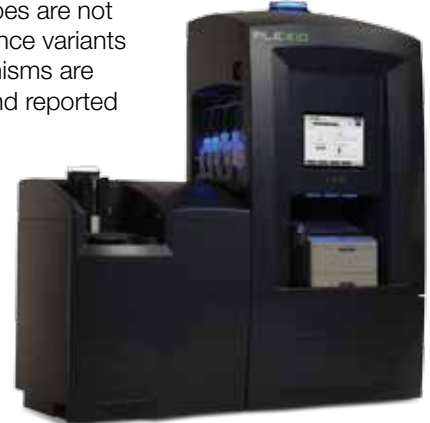
The PLEX-ID Broad Viral I assay is designed to detect and identify viruses from several important groups from direct specimens

Capabilities

- Detection and identification of the following viruses:
 - Herpesviridae
 - HSV-1 (HHV-1) and HSV-2 (HHV-2)
 - CMV (HHV-5)
 - VZV (HHV-3)
 - EBV (HHV-4)
 - HHV-8
 - Human adenovirus species A-F
 - Human enterovirus species A-D
 - Polyomavirus
 - BK virus
 - JC virus
 - Parvovirus B19
- Characterization of mixtures
- Detection of variants or newly emerging organisms
 - Since specific probes are not used, novel sequence variants of the above organisms are simply amplified and reported

PLEX-ID Broad Viral I

- Suitable for analysis of direct, de-identified research specimens, including body fluids and tissue samples



Rapidly identify known and unknown organisms with PCR Assay and Electro spray Ionization Mass Spectrometry

Coverage and Database

- The PLEX-ID database contains sequence information for 250 species and subspecies of the targeted viral groups
- Detections will be reported as either a single call or a small cluster of indistinguishable species or subspecies
- Unknown detections with novel basecount signatures will be reported and linked to the closest known species in the database

Coverage	Target
Adenovirus	Hexon
Human adenovirus	Penton
Enterovirus genus	genome 5' UTR (2 primer pairs)
Erythrovirus genus, Parvoviridae	VP1
Erythrovirus genus, Parvoviridae	NS1
Human herpesvirus 1, 2 & 3	DNA polymerase
Human herpesvirus 4 & 8	DNA polymerase (2 primer pairs)
Human herpesvirus 5	DNA polymerase
Human herpesvirus 5 & 8	DNA polymerase
Polyomavirus	VP1
Polyomavirus	VP2

To Order Product	Description	Catalog No.
PLEX-ID Broad Viral I	10 plates (120 assays)	06N34-61

Ask differently.

For more information, please contact:

Abbott Molecular
www.abbottmolecular.com
800.553.7042

PLEX ID

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