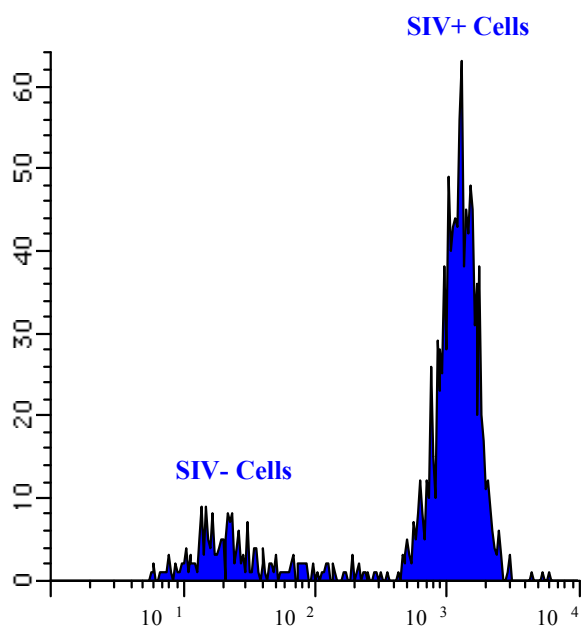


VIROTECT™ IN CELL SIV DETECTION SYSTEM

Quantify and Monitor SIV in Specific Cell Reservoirs



In cell detection of SIV gag-pol mRNA in PBMC's using ViroTect SIV detection system. Immunophenotyping: CD4+, CD45RA and HLA-DR+ cells.

ULTRA SENSITIVITY

- Detects persistent SIV mRNA in cells unequivocally identified by up to 3 immunophenotypic markers.
- Detects persistent SIV replication in primates with undetectable viral load.
- Combines the sensitivity of immunophenotyping with the power of fluorescent-based *in situ* hybridization to detect SIV mRNA at 5-10 copies per cell.

ULTRA SPECIFICITY

- Determines and quantifies specific SIV load in T-Cell populations, macrophages and monocytes (as SIV replication can vary in different cell types and response to therapy may be cell-type dependent).
- Provides critical cell-specific information to determine the efficacy of SIV therapeutics, drug discovery and vaccine monitoring in primates.

VERSATILE

- Used with cell lines, PBMC's, and cell suspensions including lymph nodes, thymus and tonsils.
- Cellular morphology preserved for cytopathological evaluation, light and fluorescent microscopy.

SIMPLE-FAST RESULTS

- Assay Time - 3 Hours compared to 2-3 days for typical PCR-based assays for plasma viral copies.
- Costs 60% less than PCR-based assays.
- Does not require dedicated equipment.

COMPLETE SYSTEM—all reagents included

- 25 - and 100-test kits available.
- Also available—the **VIROTECT HIV-1 IN CELL DETECTION SYSTEM**

For More Information Contact: www.invirion.com
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