

TRUPCR® HIV 1/2 Detection Kit

TRUPCR® HIV1/2 Detection Kit (RUO) is an in vitro nucleic acid amplification assay for the qualitative detection of Human Immunodeficiency type-1 (HIV-1) & type-2 viral RNA in human serum or plasma (EDTA) from HIV infected individual specimens using Real-time PCR. The kits includes an endogenous control which serves as an internal control.

The TRUPCR® HIV1/2 Detection Kit is based on the amplification of a conserved region by primer and probes specific for the *gag* gene and *pol* gene. In this kit there are three independent reactions running in parallel in each tube:

- 1) Detects HIV-1 (in FAM/Green channel)
- 2) Detects HIV-2 (in TexRed/Orange channel)
- 3) Detects the internal control (Hex/Yellow channel) which allows excluding unreliable results

Key features:

- Dual target (*gag* & *pol* gene) for rapid and accurate detection of HIV infection
- Uses hot start technology there minimizing non-specific reactions and assuring maximum sensitivity & specificity.
- Analytical sensitivity is determined by WHO standards (3rd HIV-1 International Standard, NIBSC code: 10/152, Version 4.0 & HIV-2 RNA International Standard, NIBSC code: 08/150).
- Limit of detection (LOD) is at the level of = 100 IU/ml for HIV-1 and 250 IU/ml for HIV-2
- Easy work flow & compatible with various Real-time PCR instruments
- Endogenous Internal Control included in the kit to avoid false negative results

Ordering information:

Cat. No.	Product	Contents
3B259	TRUPCR® HIV1/2 Detection Kit	48 Rxns
3B260	TRUPCR® HIV1/2 Detection Kit	96 Rxns

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