# HIV-1 Integrase Assay Kit

Catalog # KA6288 Size 1 Kit

## Applications

### Result Data

Azide blocks the catalytic activity of wild-type HIV-1 integrase

## Specification

| | |
|---|---|
| **Product Description** | HIV-1 Integrase Assay Kit is a non-radioactive assay used to quantitatively measure integrase activity, the effects of interacting proteins, anti-viral compounds, and other test articles on HIV-1 integrase activity. |
| **Label** | HRP-conjugated |
| **Detection Method** | Colorimetric |
| **Assay Type** | Quantitative |
| **Regulatory Status** | For research use only (RUO) |
| **Storage Instruction** | Store components of the kit at 4°C, -20°C or colder as described in the protocol. |
| **Note** | Result Data<br>Azide blocks the catalytic activity of wild-type HIV-1 integrase |

## Applications

- Functional Study

Copyright © 2023 Abnova Corporation. All Rights Reserved.

## Publication Reference

- Design, synthesis and biological evaluation of indole-2-carboxylic acid derivatives as novel HIV-1 integrase strand transfer inhibitors.

  Rong-Hong Zhang, Guo-Qi Chen, Weilin Wang, Yu-Chan Wang, Wen-Li Zhang, Ting Chen, Qian-Qian Xiong, Yong-Long Zhao, Shang-Gao Liao, Yong-Jun Li, Guo-Yi Yan, Meng Zhou.

  RSC Advances 2024 Mar; 14(13):9020.

  Application: IA, Human, MT-4 cells

- The Discovery of Indole-2-carboxylic Acid Derivatives as Novel HIV-1 Integrase Strand Transfer Inhibitors.

  Yu-Chan Wang, Wen-Li Zhang, Rong-Hong Zhang, Chun-Hua Liu, Yong-Long Zhao, Guo-Yi Yan, Shang-Gao Liao, YongJun Li, Meng Zhou

  Molecules 2023 12; 28(24):0.

Copyright © 2023 Abnova Corporation. All Rights Reserved.