

Detection Kit for Epstein-Barr Virus Nucleic Acid

(PCR-Fluorescence Probing)

ADVANTAGES



Hot start
Taq enzyme

Quantitative
detection

High
sensitivity

Detection Kit for Epstein-Barr Virus Nucleic Acid (PCR-Fluorescence Probing) is used for the *in vitro* quantitative detection of EBV DNA in human serum, plasma, and whole blood specimens. The test method is based on the fluorescent PCR technique, which can realize the supplementary diagnosis of EBV infection.

01 Differential diagnosis, no cross-reactivity with other pathogens

02 DNA quantitative detection enables early diagnosis

03 Internal standard material to monitor the whole process

04 Produces results that are easy to interpret

BACKGROUND

Epstein-Barr virus, or EBV, is one of the most common human viruses in the world. EBV can cause infectious mononucleosis, also called mono, and other illnesses.

Infectious mononucleosis is common among teenagers and young adults, especially college students.

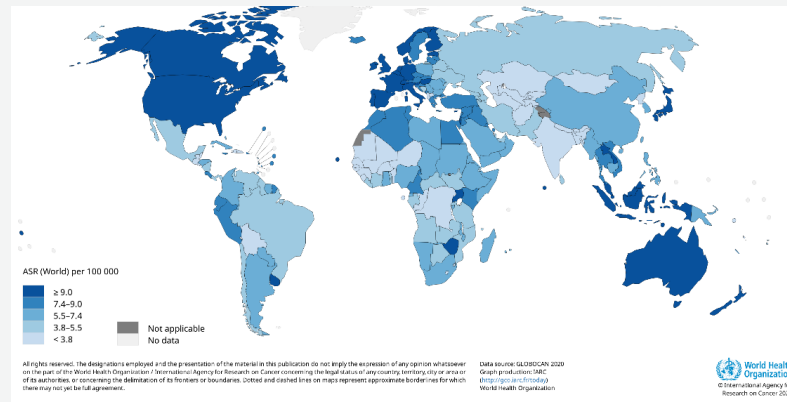
EBV infection will cause nasopharyngeal cancer and Burkitt lymphoma. It may also be linked to Hodgkin lymphoma and some cases of stomach cancer.

Lymphomas are among the most common types of childhood cancers.

Screening is generally not helpful for childhood cancers. A correct diagnosis is essential to prescribe appropriate therapy for the type and extent of the disease.

Source: World Health Organization¹⁾ & CDC²⁾

Estimated age-standardized incidence rates (World) in 2020, nasopharynx, non-Hodgkin lymphoma, both sexes, all ages⁽³⁾



Reference

- <https://www.who.int/news-room/fact-sheets/detail/cancer-in-children>
- <https://www.cdc.gov/epstein-barr/about-mono.html>
- <https://gco.iarc.fr/today/online-analysis-map>

SPECIFICATIONS

Test principle	Quantitative real-time fluorescent PCR
Specimen type	Human serum, plasma, or whole blood specimens
Fluorescence channel	FAM (EBNA1 gene), VIC (Exogenous internal control)
Process time	97 min
Range of linearity	2.0×10^2 IU/mL – 2.0×10^8 IU/mL
LOD	1.0×10^2 IU/mL
Storage and shelf life	-20±5°C, 9 months
Applicable Instruments	ABI 7500, Roche LightCycler480, AGS4800
Certificate	CE NMPA

ORDER INFORMATION

Description	Cat. No.	Package
Detection Kit for Epstein-Barr Virus Nucleic Acid (PCR-Fluorescence Probing)	DA1250	Large package, 20 tests/kit
	DA1251	Large package, 48 tests/kit
	DA1252	Single tube, 20 tests/kit

Daan Gene Co., Ltd.

CHINA (Headquarters)

Add: No.19, Xiangshan Road, Science Park, High & New Technology Development District, Guangzhou, Guangdong, P.R. China

Tel.: +86-20-32068126

Fax: +86-20-32068352

Email: marketing@daangene.com

CANADA office

Add.: #413-4538 Kingsway, Burnaby, BC V5H 4T9, Canada

Tel.: +16044517588

Fax: +604451.7587

Email: gbai@daangene.net

COLOMBIA office

Add.: Cl 93 No.16 46 Of 702, Bogotá D.C.

Tel.: +57 3103940417

Email: alonso.zheng@daangene.net