

Make Diagnosis More Valuable



Multiplex Real-Time PCR Assays for

RAPID DETECTION OF

Hand, Foot and Mouth Disease (HFMD)



北京卓诚惠生生物科技股份有限公司
Beijing Applied Biological Technologies Co.,LTD.



HELPS PREVENT SEVERE HAND-FOOT-MOUTH DISEASE

Hand, foot, and mouth disease (HFMD) is caused by Enterovirus (EV) infection which occurs frequently in children under 5 years of age.

Hand, foot and mouth disease is caused by Enteroviruses, and the main pathogenic serotypes include Coxsackie virus (CV) group A4~7,9,10,16 and group B1~3,5, serotypes of Echovirus, Enterovirus A71(EV-A71), etc. Among them, CV-A16 and EV-A71 are the most common. In recent years, CV-A6 and CV-A10 have increased in some areas. There is no cross immunity between enterovirus types.

HFMD is a widespread infectious disease globally, large outbreaks occur often in some countries worldwide. Thousands of people may get infected. Some people, particularly young children, may have severe diseases as viral or “aseptic” meningitis, neural pulmonary edema, myocarditis that requires hospitalization, or even causes death. Thus, early screening and clinical diagnosis of hand, foot and mouth disease are extremely important.

Features

Detection target	(CV-A16 and EV-A71) , Human Enterovirus
Sample type	Oropharyngeal swab
Limit of detection	500copies/ml



Clinical application

- ✓ Used for diagnosis of HFMD
- ✓ Prevent the spread of HFMD
- ✓ Screen for high-risk pathogens and prevent severe cases



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