



Genvinset® HLA B51

Molecular determination of HLA-B*51 alleles

Kit for detecting the HLA-B*51 alleles by Real-Time PCR
using hydrolysis probes technology

About Genvinset® HLA B51

Behçet's Disease (BD) is a form of vasculitis that manifests with oral ulcers, urogenital ulcers, uveitis, skin inflammation, enterocolitis, and inflammation of other organs. Despite being a globally distributed disease, BD is more prevalent in the region extending from East Asia to the Mediterranean basin (the Silk Road), with the highest prevalence in Turkey. It is also relatively common in countries such as Japan and Iran.

Although the exact etiology of BD is not yet fully understood, it is considered a complex disease in which genetic and environmental factors play a crucial role. The strongest association described to date is with the HLA-B*51 allele, which forms the HLA-B5 antigen and belongs to the class I Major Histocompatibility Complex (MHC-I).

Given its relationship with the disease, **the detection of the HLA-B*51 allele has become a useful tool** in supporting the diagnosis of Behçet's disease, especially in patients with compatible clinical symptoms.

Why Genvinset®?

- **CE-IVDR** certified for diagnostic use
- **Trusted brand** by laboratories worldwide
- **User-friendly** kit with intuitive workflow
- **<30 min** hands-on, results in ~1.5–2 h
- **Ready-to-use** reagents
- **Open system:** validated on multiple thermal cyclers
- Compatible with **automated pipetting systems**
- **24/48 test formats** to fit your routine

Workflow



Product Information

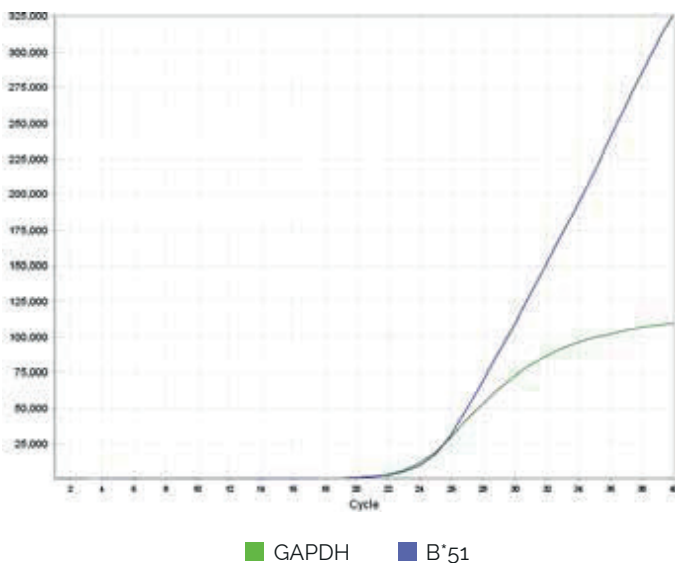
24 tests - CODE: AA1788/24 UDI-DI: 8436615250097
48 tests - CODE: AA1788/48 UDI-DI: 8436615250103

DESCRIPTION: Genvinset® HLA B51 24 test
Genvinset® HLA B51 48 test

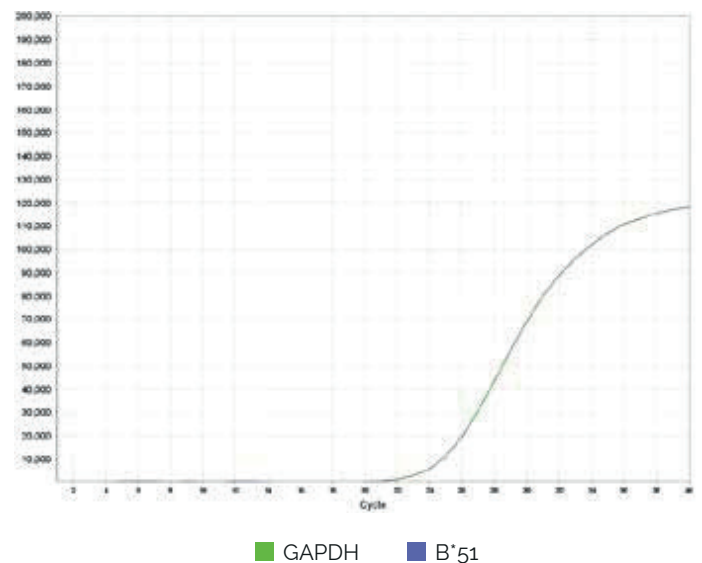
CE-IVDR Certified (Notified body 2797)

Results

HLA-B*51 positive sample amplification plot



HLA-B*51 negative sample amplification plot



Limitations

- See the detected alleles on our website www.bdrdiagnostics.com.
- Variants at the annealing primer/probe sites may result in the lack of allele definition. Other technologies could be necessary to resolve the typing.
- Data and result interpretation should be revised by qualified personnel.
- This serves as an auxiliary tool for the diagnosis of patients with suspected HLA-B*51-associated disorders. Use these results in conjunction with clinical data and results of other tests performed on the patient.



BLACKHILLS DIAGNOSTIC RESOURCES S.L.U.

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EXCLUSIVE DISTRIBUTOR

Nuclear Laser Medicine srl

Viale delle Industrie, 3 - 20049 Settala (Milan), ITALY

Phone +39 02 952451 - Fax +39 02 95245237-8

VAT 08763060152

segreteria@nlm.it - www.nlm.it