LABORATORY REPORT

Patient ID	NA	**Gender**	NA	**Sample Type**	NA
Patient Name	NA	**Clinician Name**	NA	**Sample Collected**	DD-MM-YYYY
Patient DOB	NA	**Location**	NA	**Sample Received**	DD-MM-YYYY
Age	NA	**Hospital Name**	NA	**Report Released**	DD-MM-YYYY

Test Performed:- HLA B5- (B51/B52) Qualitative RT-PCR

CLINICAL HISTORY

NA

RESULTS SUMMARY

HLA B5-(B51/B52)	**Detected (POSITIVE)**

Fig.1

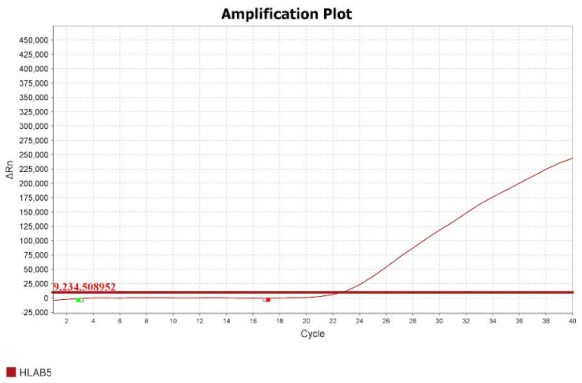
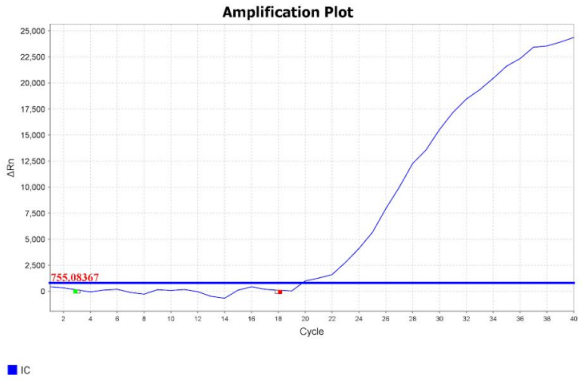


Fig.2



Analyzed & Reviewed by
Imran Haider
Senior Scientific Officer
Onco-Genomics

Approved by
Dr. Himani Pandey
Postdoc-SGPGIMS Lucknow
Lab Head-Clinical Genomics

931-126-1989 genee@redcliffelabs.com www.redcliffelabs.com
Redcliffe Lifetech Pvt. Ltd, H-55, Sector- 63, Noida, Uttar Pradesh, 201301

LABORATORY REPORT

CLINICAL SIGNIFICANCE

- HLA B5 has two splits B*51 and B*52 of which only B*51 is important in the etiology of Behcet's disease.
- HLA-B*51 and B*52 have almost similar distribution in Indian population ranging from 6.8-15% in various ethnic groups in the country.
- Ocular involvement, which could lead to serious complications, is a very important feature of Behcet's disease. HLA-B*51 positivity increases the risk for Behcet's disease by six times. HLA-B*52 is not associated with additional risk.

METHODOLOGY

In the HLA B5-(B51/B52) PCR Kit, mutation-specific reactions use ARMS (amplification-refractory mutation system) , designs to detect and identify the mutations in B51 and B52. DNA extracted from Whole blood sample using the purification use silica membrane based extraction method.

LIMITATIONS OF ASSAY

PCR is a highly sensitive technique; common reasons for paradoxical results are contamination during specimen collection, selection of inappropriate specimen and inherent PCR inhibitors in the sample.

Laboratory tests are merely a tool to assist in the diagnosing process and should be clinically correlated by the Referring Physician.

TEST DETAILS

- 1. The analytical sensitivity is defined as the concentration of DNA molecules (ng/µl) that can be detected with a positivity rate of 95%.
- 2. Limit of detection is 10ng/ul of B5-(B51/B52)
- 3. This test detects HLA B5- B51 or B52 only with this assay

DISCLAIMER

- Test results released pertain to the specimen submitted .
- All test results are dependent on the quality of the sample received by the Laboratory .
- Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician .
- Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting.
- Test results may show inter laboratory variations.
- If Sample collection date is not stated on test requisition form, the current date will be printed by default as the date of collection.
- Test results are not valid for medico legal purposes.

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Terms and Conditions of Reporting

1. The presented findings in the Reports are intended solely for informational and interpretational purposes by the referring physician or other qualified medical professionals possessing a comprehensive understanding of reporting units, reference ranges, and technological limitations. The laboratory shall not be held liable for any interpretation or misinterpretation of the results, nor for any consequential or incidental damages arising from such interpretation.

2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.

3. It is to be noted that variations in results may occur between different laboratories and over time, even for the same parameter for the same Customer. The assays are performed and conducted in accordance with standard procedures, and the reported outcomes are contingent on the specific individual assay methods and equipment(s) used, as well as the quality of the received specimen.

4. This report shall not be deemed valid or admissible for any medico-legal purposes.

5. The Customers assume full responsibility for apprising the Company of any factors that may impact the test finding. These factors, among others, includes dietary intake, alcohol, or medication / drug(s) consumption, or fasting. This list of factors is only representative and not exhaustive.

Disclaimer: Method given in report are only indicative and can be changed depending upon type of machine and kit available at time of testing.

Not all tests at all locations are under NABL scope. Availability of tests under NABL scope varies from lab to lab.