Name : DUMMY L004
Lab No. : 152800304 Age: 39 Years Gender: Male
A/c Status : P Ref By : UNKNOWN

Collectd : 24/8/2020 7:44:00PM Received : 24/8/2020 7:49:49PM
Reported : 25/8/2020 2:04:15PM

<table>
<thead>
<tr>
<th>Test Name</th>
<th>Results</th>
<th>Units</th>
<th>Bio. Ref. Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLA - B27</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
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</tbody>
</table>

Interpretation

<table>
<thead>
<tr>
<th>RESULT</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Negative</td>
<td>No expression of HLA-B27</td>
</tr>
<tr>
<td>Indeterminate</td>
<td>Grey zone (within 10 channels of cutoff)</td>
</tr>
<tr>
<td>Positive</td>
<td>Expression of HLA-B27 detected</td>
</tr>
</tbody>
</table>

Note
1. Test conducted on EDTA / Heparin / ACD whole blood
2. Anti HLA-B27 antibody cross reacts with several other antigens of HLA-B group specially HLA- B7 leading to false positive results
3. In cases of HLA-B27 negative Spondyloarthropathy, further testing recommended is HLA-C*06 Positive in Psoriatic arthritis) and HLA-B*07 (positive in Juvenile and Undifferentiated Spondyloarthropathy).

Comments
HLA-B27 is a major histocompatibility complex (MHC) class 1 molecule which is considered to be an important criteria for classification of Axial spondyloarthropathies and helps in establishing an early diagnosis of Ankylosing spondyloarthropathies before the development of irreversible deformity. In 2009, the Assessment of Spondyloarthritis International Society (ASAS) proposed new criteria for classification of Axial spondyloarthritis which are applicable to individuals with back pain > 3 months and age of onset < 45 years. One important criteria is the presence of HLA-B27.

<table>
<thead>
<tr>
<th>DISEASE</th>
<th>RISK IN %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ankylosing spondyloarthropathies</td>
<td>89</td>
</tr>
<tr>
<td>Reiters syndrome</td>
<td>79</td>
</tr>
<tr>
<td>Juvenile Rheumatoid arthritis</td>
<td>42</td>
</tr>
<tr>
<td>Normal population</td>
<td>8</td>
</tr>
<tr>
<td>Test Name</td>
<td>Results</td>
</tr>
<tr>
<td>-----------</td>
<td>---------</td>
</tr>
</tbody>
</table>

**Dr Anand Chandrasekaran Annan**  
MD (American Board of Pathology)  
PhD (Molecular & Cellular Pathology)  
HOD - Oncopathology

**Dr Beena Chandrasekhar**  
PhD, Life Sciences  
HOD Flowcytometry  
NRL - Dr Lal PathLabs Ltd

Result/s to follow:  
HLA - B27

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**IMPORTANT INSTRUCTIONS**

*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.*  
*Sample repeats are accepted on request of Referring Physician within 7 days post reporting.*  
*Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted.*  
*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 interlaboratory variations.*  
*The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s).*  
*Test results are not valid for medico legal purposes.*  
*Contact customer care Tel No. +91-11-39885050 for all queries related to test results.*  
*(#) Sample drawn from outside source.*