

# Human Leukocyte Antigen B27 PCR Test Kit (Fluorescent Probe Based Real-Time Assay)

—Indicator of ankylosing spondylitis preventive (DNA)

HLA-B27 is strongly associated with ankylosing spondylitis (AS) and other related inflammatory diseases, such as psoriasis, inflammatory bowel disease and reactive arthritis. HLA-B27 is present in about 90% of people with AS, but the gene can also be seen in people with no sign of arthritis or inflammation.



# Products Advantages

Rapid  
Detection

Nucleic Acid extraction 20 min  
+ amplification 60 min.

High  
Specificity

non cross-reactivity with other  
subtypes of HLA gene

Easy  
Operation

Compared to flow cytometry, PCR  
test not required viable lymphoid.

Contamination  
Control

dUTP/UNG systems to avoid carry-  
over contamination of PCR products  
in subsequent amplification reactions.

High  
Sensitivity

1ng  $\mu$ L-1 genomic DNA

Internal  
Control System

Prevent false negative results.

- Through HLA-B27 testing, back pain, arthralgia and other diseases similar like AS can be excluded clinically.
- HLA-B27 is a genetic marker, the prompt high-risk populations with family genetic history can be screened earlier.
- Testing for HLA-B27 can aid in early diagnosis and treatment to prevent the further deterioration and reduce the disability rate of AS.

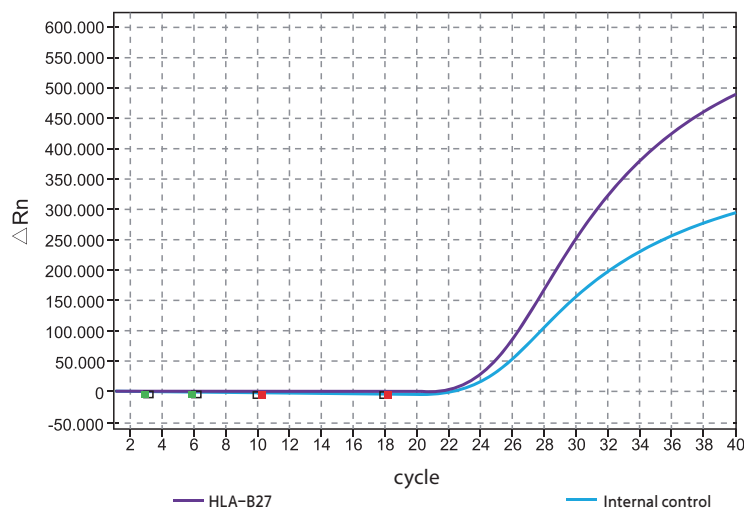
## PCR Instrument Recommended

A PCR instrument that can simultaneously detect FAM/VIC (HEX).

- ABI 7500
- Stratagene MX3005P
- Bio Rad CFX96
- Bioer LineGene9600Plus/9660/9680
- HongShi SLAN-96P
- Etc.

## Example Result

Amplification Plot



Specimen | EDTA anticoagulated whole blood

Package | 24 tests/kit



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