

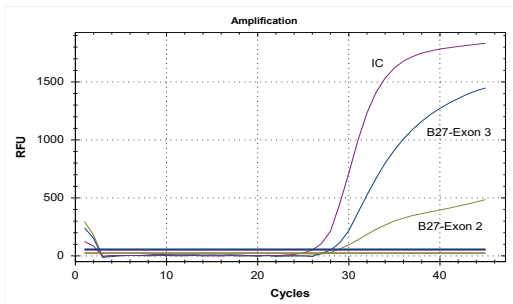
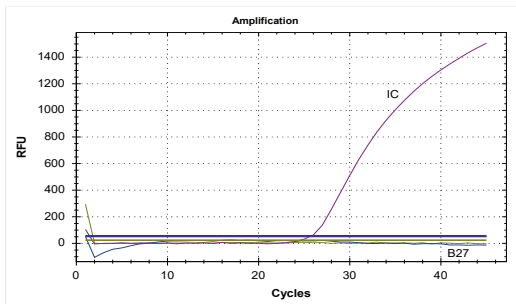
DiAGSure[®] HLA B27 Detection Kit



Human leukocyte antigen (HLA) B27 (subtypes B*2701-2759) is strongly associated with ankylosing spondylitis and other associated inflammatory diseases, such as psoriatic arthritis, inflammatory bowel disease, and reactive arthritis. Symptoms of ankylosing spondylitis include lower back pain and stiffness after inactivity. The disorder can be totally asymptomatic or severe and crippling. Endogenous IC ensures sample quality along with process control. Each reaction is of 25 uL volume which requires a whole blood DNA input of 10 uL per reaction. Positive controls (PC) have been so provided to run a PC per 10 samples. On the contrary, a customer can half-dilute the PC to run a single PC per 5 samples.

Specification

Specimen type	: whole blood, plasma or serum
Genotype Coverage	: Detects all 8 HBV genotypes A-H
Technology	: 2-plex TaqMan PCR (one for target, other for internal control)
Turn-around-time	: 1 hr
Sensitivity	: 3 copies of in vitro cloned viral Core/precore gene construct equivalent to 2.68 IU/mL viral count.
Specificity	: 100%



TaqMan PCR amplification from HLA B27 negative (a) and HLA B27 positive (b) sample



Kit Content

Color Coding (Caps)	Reagents	Description
Amber	WRTaqMan Master Mix	Amplification Mix
Amber	Primer-Probe Mix	Amplification Reagent
Yellow	Positive Control (PC)	Positive Control
White	Negative Control (NC)	Negative Control
White	DNA Dilution Buffer	Tris-based buffer

