

UC-TIB-HLA B27 (RUO)

Qualitative detection of MHC cell-surface antigen-presenting proteins for research use only (RUO) testing on the **cobas® omni** utility channel.

Eliminate time associated with primer and probe design



Access research use only pre-designed primer/probes to meet your research testing needs



React flexibly to unexpected changes in demand; it all starts from research










Translate the performance and efficiency gains of **cobas®** systems to other workflows

Streamline your workflow with TIB Molbiol pre-designed primer / probe kits for use on the **cobas® omni** utility channel on **cobas® 5800/6800/8800** Systems.



UC-TIB-HLA B27 (RUO)

	Product Concept	192 reactions/0.6ml volume, Positive control 2×0.4ml
	Inclusivity	The major histocompatibility complex (MHC) in humans, consisting of many genes for cell-surface antigen-presenting proteins located on chromosome 6. HLA-B27 is encoded by the B locus, including subtypes B*27:01 to *27:59. All alleles of the human leukocyte antigen, HLA-B27 gene are detected, except B*27:05:23, B*27:12 and B*27:23.
	Exclusivity	99.76% of known HLAB27 variants are detected. Not detected are the following rare variants: B*27:05:23, B*27:05:39, B*27:05:51, B*27:12:01:01, B*27:12:01:02, B*27:12:01:03, B*27:23, B*27:91, B*27:101, B*27:137, B*27:157, B*27:189, B*27:204:01:01, B*27:204:01:02, B*27:217, B*27:239, B*27:242, B*27:250. Non B27 HLA variants are not detected.
	Sensitivity	This assay detects at least 1000 genome equivalent copies or less per ml (plasmid DNA dilution).
	Sampling (Customer responsibility to test)	Typical specimens are whole blood 1:10 dilution with cobas® PCR Media, PBS or similar.
	Usage	Refer to cobas® omni utility channel user guide for usage instructions. Default thermal cycling protocol recommended.
	Stability	18 months post-production. Once opened, can be used up to 40 times.

Ordering Information

Product Name	Tests/Volume	Material Number
UC-TIB-HLA B27 (RUO)	192/0.6ml	10379979702*
cobas® buffer negative control kit	16/1ml	09051953190

*With this material number you will receive the HLA B27 kit with specific primers, probes and positive control, together with the **cobas® omni** utility channel kit (192 tests) with sample preparation- and PCR-reagents, including AmpErase enzyme and internal control.



RUO = Research Use Only. Not for use in diagnostic procedures.
Before using the product, read the operator / safety instructions in the operators manual.
For usage guidance refer to the **cobas® omni** utility channel user assistance manual and the TIB Molbiol General Guidance document.

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MC-DE-04548