



Centro de Hemoterapia y
Hemodonacion de Castilla y Leon



SEI
Sociedad Española
de Inmunología



External Quality Assurance Program for diagnostic immunology
laboratories GECLID-SEI 2018

Report HLA: 2A Disease-Related HLA (1): HLA-B27 - 2018 round r2

HISTOCOMPATIBILITY & IMMUNOGENETICS SUBPROGRAMME (LAB HLA003B)



LABORATORY INFORMATION

Code: HLA003B

Laboratory: SERVICIO INMUNOLOGÍA

Center: HOSPITAL UNIVERSITARIO REINA SOFÍA

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Contact person: DR. RAFAEL GONZÁLEZ

Dates: 27/11/2018

Report: 12/02/2019

ASSESSMENT AND PERFORMANCE

HLA-B27 typing scheme assessment

A 75% consensus for all HLA-B27 tested samples must be used. If a laboratories' consensus cannot be reached, the HLA Steering Committee would decide the assigned value: POSITIVE, NEGATIVE or INCONCLUSIVE. The inconclusive results about a given sample must not be included in the Laboratories assessment.

Examples of possible discrepancies:

- A participant reports a positive result where the consensus is negative.
- A participant reports a negative result where the consensus is positive.

SAMPLE HLA18-2A.06R2

Alleles	n	Min.	Máx.	Assigned		Stand. Dev.	Uncertainty	Iterations	Your typing	z-score	Eval.
				typing	Accepted typing						
HLA-B27 (B*27)					Positive				Positive		0

SAMPLE HLA18-2A.07R2

Alleles	n	Min.	Máx.	Assigned		Stand. Dev.	Uncertainty	Iterations	Your typing	z-score	Eval.
				typing	Accepted typing						
HLA-B27 (B*27)					Positive				Positive		0

SAMPLE HLA18-2A.08R2

Alleles	n	Min.	Máx.	Assigned		Stand. Dev.	Uncertainty	Iterations	Your typing	z-score	Eval.
				typing	Accepted typing						
HLA-B27 (B*27)					Positive				Positive		0

SAMPLE HLA18-2A.09R2

Alleles	n	Min.	Máx.	Assigned		Stand. Dev.	Uncertainty	Iterations	Your typing	z-score	Eval.
				typing	Accepted typing						
HLA-B27 (B*27)					Positive				Positive		0

SAMPLE HLA18-2A.10R2

Alleles	n	Min.	Máx.	Assigned		Stand. Dev.	Uncertainty	Iterations	Your typing	z-score	Eval.
				typing	Accepted typing						
HLA-B27 (B*27)					Negative				Negative		0

LAB PERFORMANCE

Parameter	Nb. reported samples	Score	Nb. Labs reporting
HLA-B27 (B*27)	5	0	37

Scoring: Zero (0) means that there are no discrepancies in HLA-B27 detection. Each failed sample scores 1 point. Examples of possible discrepancies:

- o A participant reports a positive result where the consensus is negative
- o A participant reports a negative result where the consensus is positive



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