



GRUPO DE HABLA ESPAÑOLA Y PORTUGUESA DE LA ISFG
GRUPO DE LINGUAS ESPANHOLA E PORTUGUESA DA ISFG



Ministerio de Justicia
INSTITUTO NACIONAL DE TOXICOLOGÍA Y CIENCIAS FORENSES
DEPARTAMENTO DE MADRID
SERVICIO DE GARANTÍA DE CALIDAD

El Laboratorio / *The Laboratory*

054 - Heréditas Tecnología em Análise de DNA. HEREDITAS

Ha participado en el Ejercicio 2020 con el precinto
Has participated in the 2020 Exercise with the seal number

90279

Nivel Básico de Parentesco/Kinship Basic level

Las Rozas de Madrid, 20 de noviembre de 2020



Koro Fernández Oliva
Coordinadora del Ejercicio



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INTERCOMPARISON PROGRAM “ANALYSIS OF DNA POLYMORPHISMS IN BLOOD STAINS AND OTHER BIOLOGICAL SAMPLES”

The laboratory with Seal 90279

Has participated in the **Kinship Module, basic level** of the 2020 Intercomparison Program, which includes a practical study with the analysis of two blood and one saliva items and a theoretical study.

The analyses performed and the assessment of the results obtained are shown in the following tables. The assigned values used to carry out the assessment can be consulted in the final report at: <https://ghep-isfg.org>

Kimship practical study

Autosomal STRs + Amel				Y-Chromosome STRs		X-Chromosome STRs			
Marker	M1	M2	M3	Marker	M2	Marcador	M1	M2	M3
AMEL	C	C	C	DYS389 I	C	DXS8378	C	C	C
D8S1179	C	C	C	DYS390	C	DXS9898	C	C	SA
D21S11	C	C	C	DYS389 II	C	DXS7133	C	C	SA
D7S820	C	C	C	DYS19	C	GATA31E08	SA	SA	SA
CSF1PO	C	C	C	DYS385	C	GATA172D05	SA	SA	SA
D3S1358	C	C	C	DYS393	C	DXS7423	C	C	C
TH01	C	C	C	DYS391	C	DXS6809	C	C	SA
D13S317	C	C	C	DYS439 (GATA A4)	C	DXS7132	C	C	C
D16S539	C	C	C	DYS392	C	DXS9902	SA	SA	SA
D2S1338	C	C	C	GATAH4	C	DXS6789	C	C	SA
vWA	C	C	C	DYS437	C	DXS10103	C	C	C
TPOX	C	C	C	DYS438	C	DXS10146	C	C	C
D18S51	C	C	C	DYS460 (GATA A7.1)	C	DXS10079	C	C	C
D5S818	C	C	C			DXS10148	C	C	C
FGA	C	C	C			HPRTB	C	C	C
Penta D	C	C	C						
Penta E	C	C	C						
D10S1248	C	C	C						
D22S1045	C	C	C						
D2S441	C	C	C						
D1S1656	C	C	C						
D12S391	C	C	C						
SE33 (ACTBP2)	C	C	C						
FES/FPS	C	C	D						
F13B	C	C	C						
LPL	C	C	C						
D6S1043	C	C	C						

C= Correct; F/C= Correct but with format error; D= Discordant; N= Nomenclature discrepancy; T= Transcription error; NA= Not analyzed ; SA= Without assigned value; SR = Without result



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Seal **90279**

Kinship theoretical study

Marker	PMI Evaluation
D8S1179	C
D21S11	C
D7S820	C
CSF1PO	C
D3S1358	C
TH01	C
D13S317	C
D16S539	C
D2S1338	C
D19S433	C
VWA	C
TPOX	C
D18S51	C
D5S818	C
FGA	C
Penta D	C
Penta E	C
D10S1248	C
D22S1045	C
D2S441	C
D1S1656	C
D12S391	C
D6S1043	C
IPM TOTAL	C

C= Correct; F/C= Correct but with format error; D= Discordant; T= Transcription error; NA= Not analyzed ; SA= Without assigned value

In witness whereof and for all pertinent purposes I hereby issue the following
certificate

Las Rozas de Madrid, 20 November , 2020

K. Fernández Oliva
Exercise Coordinator



VºBº
C. Sánchez de la Torre
INTCFM Manager



VºBº
U. Toscanini
GHEP-ISFG President

