



GRUPO DE HABLA ESPAÑOLA Y PORTUGUESA DE LA ISFG

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## PROFICIENCY TEST

“ANALYSIS OF DNA POLYMORPHISMS IN BLOODSTAINS AND OTHER BIOLOGICAL  
SAMPLES”**EXERCISE EIADN-34(2026)****DEADLINE: 15/05/2026**Submitted items2026/Forensic Module  
M9: forensic unknown non human item

Seal Number

Approach:

Practical Forensic study

## 2026/Non human item

- **M9:** forensic unknown non human item for species identification.
- ◆ Identify the species in item M9.

**Methodology to be used**

The analyses will be performed by using the markers and methods of routine use or under implementation at each laboratory. The items must be processed as real casework and, if possible, as blind samples.

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**1. Methodology** *Read carefully the instructions provided before filling in this section***1.1 DNA Extraction, purification/concentration and quantitation**

TABLE 1

Item	Extraction Purification/ Concentration (Code)	EPOO (Specify)	Quantitation (Code)	C00 (Specify)
M9				

See Appendix 2026 for codes

**1.2 Methodology used for species identification in item M9**

Make a cross in the method used and specify in the adjacent box the methodology applied (primers, kits, techniques used, etc.)

**Methodology applied**

Cytochrome b sequencing	<input type="checkbox"/>	<input type="text"/>
SPInDEL	<input type="checkbox"/>	<input type="text"/>
STR	<input type="checkbox"/>	<input type="text"/>
Others	<input type="checkbox"/>	<input type="text"/>

**1.3 Other considerations regarding methodology different to reported in the preceding tables**

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**2. Practical studies results:**

A raid is carried out on the home of a drug trafficker. He is suspected of several crimes and the illegal possession of animals. During the search, numerous torture instruments, chains, and shackles are found in the basement. The instruments, walls, and floor have been carefully cleaned, but traces of what appears to be blood are found on one of the ornamental plants. Samples are taken and sent to the laboratory. It is necessary to identify the origin of the sample and, if possible, obtain a genetic profile.

**2.1** After performing DNA extraction from the samples and using any method for species identification. Could you identify the **species** of the non human contributor/s in item M9?

YES	<input type="checkbox"/>	Genus species	<input type="text"/>
M9	<input type="checkbox"/>		<input type="text"/>

NO	<input type="checkbox"/>
M9	<input type="checkbox"/>

## 2.2 Conclusions and remarks about item M9

### 3. Compromises to be met by the participant

The analyses have been performed in the facilities of the participating laboratory and by its own staff, following working protocols used in routine casework together with safety precautions. **The laboratory commits to analyze this item for the Intercomparison Exercise INTCFM/GHEP-ISFG. Additionally it could be used as a reference material and/or quality control for the laboratory either using the techniques required in the Exercise or other forensic techniques.**

Name of the person in charge

Date and signature

#### ¿WOULD YOU LIKE TO RECEIVE A CERTIFICATE OF PARTICIPATION?

Item M9

(Yes/No)

CHOOSE THE LANGUAGE OF THE CERTIFICATE

SPANISH	<input type="checkbox"/>
ENGLISH	<input type="checkbox"/>
BOTH	<input type="checkbox"/>

Note.- In order to receive the certificate of participation you must return this form duly signed.