

Customer: Jan Novák, Dlouhá 1, 30000 Plzeň, Czech Republic

Sample:

Sample: 08-12349

Date received: 01.01.2008

Sample type: feather

Information provided by the customer

Name: Zobáček CZ123456 DEMO

Latinname: *Nymphicus hollandicus*

Species: Korela chocholátá

Ring number: CZ123456

Sex: male

Date of sampling: 01.01.2008

Result: male

Explanation

The sample was examined to determine bird's sex by fragmentation analysis of PCR product or ARMS. The method is accredited for the orders of Psittaciformes, Falconiformes, Cuculiformes, Columbiformes, Galliformes, Ciconiiformes, Passeriformes, Strigiformes. The analysis consists in determining the genotype of CHD1 gene (chromo-helicase DNA binding protein). Sex of birds is determined by sex chromosomes Z and W. Hens are heterogametic; their genome contains ZW combination of sex chromosomes. Cocks are homogametic; their genome contains ZZ set of chromosomes. Based on the evidence of presence or absence of W chromosome (W chromosome specific sequences) sex of unknown individuals can be determined.

Method: SOP18A, analysis of length of PCR fragments CHD1 gene

Date of issue: 06.01.2008

Date of testing: 12.06.2008 - 06.01.2008

Approved by: Mgr. Martina Šafrová, Laboratory Manager



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