

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 1/18/2018
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Twin Zygosity Testing (Extended TAT as of 11/20/20-no referral available)

ARUP test code 0050547

Twin Zygosity Testing Specimen See Note
Swab

Twin Zygosity Testing Interpretation Dizygotic

Dizygotic twins: Two or more genetic markers are not identical, indicating dizygotic twins.

This result has been reviewed and approved by [REDACTED]

BACKGROUND INFORMATION: Twin Zygosity Testing

CHARACTERISTICS: Monozygotic twins originate from a single fertilized ovum dividing into two embryos while dizygotic twins result from ovulation of two eggs during a single menstrual cycle.

INCIDENCE: Twins are delivered 1 in 77 Caucasian births; 70 percent are dizygotic and 30 percent are monozygotic.

INHERITANCE: Multifactorial

CAUSE: Dizygotic twinning is related to increased levels of maternal follicle stimulating hormone.

CLINICAL SENSITIVITY: 99 percent

METHODOLOGY: PCR followed by capillary electrophoresis; samples are analyzed using 15 autosomal short tandem repeat markers (D8S1179, D21S11, D7S820, CSF1PO, D3S1358, TH01, D13S317, D16S539, D2S1338, D19S433, vwa, TPOX, D18S51, D5S818 and FGA) and one gender marker (Amelogenin).

ANALYTICAL SENSITIVITY: 99 percent

LIMITATIONS: Diagnostic errors can occur due to rare sequence variations.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Twin Zygosity Testing Specimen	18-047-401558	2/16/2018 12:01:00 AM	2/16/2018 11:24 28 AM	2/19/2018 8:16:00 PM
Twin Zygosity Testing Interpretation	18-047-401558	2/16/2018 12:01:00 AM	2/16/2018 11:24 28 AM	2/19/2018 8:16:00 PM

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 18-047-401558
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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