

Patient: [REDACTED]  
DOB: [REDACTED] Age: 0 Gender: M  
Patient Identifiers [REDACTED]  
Visit Number (FIN): [REDACTED]

Client: [REDACTED]  
Physician: [REDACTED]

ARUP Test Code: 2002299  
Collection Date: 12/28/2020  
Received in lab: 12/30/2020  
Completion Date: 01/03/2021

## Interpretation

Specimen Received  
Specimen Type: Peripheral blood  
Reason for Referral: VCFS, micrognathia, cleft palate  
Test Performed: FISH, Metaphase

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NORMAL FISH RESULT  
22q11.2 (HIRA): deletion or duplication not detected

DIAGNOSTIC IMPRESSION:  
Fluorescence in situ hybridization (FISH) analysis was performed with the VCFS TUPLE 1 probe (CytoCell).

This analysis showed normal results with no evidence of a deletion or duplication of this locus at 22q11.2 in 10 metaphase cells scored.

FISH assays only analyze the DNA sequence representing the FISH probe for gain or loss of the sequence, and in the case of metaphase FISH, indicate the cytogenetic location of that sequence. A normal result does not rule out alterations elsewhere in the genome, small deletions or duplications within the sequence complementary to the probe, point mutations, or other mutational mechanisms yet unknown. Therefore, FISH should be considered as an adjunct to other genomic analyses.

ISCN:  
ish 22q11.2(HIRAx2)  
nuc ish 22q11.2(HIRAx2)

This result has been reviewed and approved by [REDACTED]

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the U.S. Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

Counseling and informed consent are recommended for genetic testing. Consent forms are available online at [www.aruplab.com](http://www.aruplab.com).



Patient: [REDACTED]  
ARUP Accession: 20-363-131776