



LABORATORY REPORT

Example Client, XYZ123
1234 Warde Road
Ann Arbor MI 48108

EXAMPLE, REPORT W
WX0000003827 M 07/08/1978 45 Y

Referral Testing

Collected: 08/31/2023 10:49 Received: 08/31/2023 10:49

Table with 6 columns: Test Name, Result, Flag, Ref-Ranges, Units, Site. Row 1: Bladder Cancer, FISH (UroVysion), See Below, QCR

Order ID: 23-379313
Specimen Type: Urine
Clinical Indication: ATYPICAL UROTHELIAL CELLS SUSPICIOUS FOR

RESULT:
POSITIVE RESULT FOR THE UROVYSION FISH ASSAY

INTERPRETATION:
An abnormal hybridization pattern was observed with thirty cells exhibiting numerical abnormalities of chromosomes 3, 7, 9, and 17. This result is indicative of bladder cancer according to the UroVysion Directional Insert (Abbott Molecular/Vysis).

Positive UroVysion results in the absence of other signs or symptoms of bladder cancer may be evidence of other urinary tract related cancers, e.g., ureter, urethra, renal, and/or prostate in males, and further patient follow-up is justified. If the test results are not consistent with the clinical findings, a consultation between a pathologist and the treating physician is warranted.

The Vysis UroVysion test was designed for use on voided urine specimens as an aid for the initial diagnosis of bladder carcinoma in patients with hematuria and subsequent monitoring for tumor recurrence in patients previously diagnosed with bladder cancer.

Please expect the results of any other concurrent study in a separate report.

REFERENCE for SENSITIVITY and SPECIFICITY:

Halling KC and Kipp BR. Bladder cancer detection using FISH (UroVysion assay). Adv Anat Pathol 2008;15:279-86.

NOMENCLATURE:
nuc ish(D3Z1x4,D7Z1x4,CDKN2Ax0-2,D17Z1x3-4) [30]

ASSAY INFORMATION:
Method: FISH Manual Analysis
Cells Counted: 30

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED



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Test Name Result Flag Ref-Ranges Units Site
Detection of >= 4 of the 25 cells showing gains for 2 or more chromosomes (3, 7 or 17) in the same cell, or >= 12 of the 25 cells having zero 9p21 signals is interpreted as a POSITIVE result.

Although the UroVysion test was designed to detect genetic changes associated with most bladder cancers, not all genetic changes can be detected by this test.

Morteza Hemmat, PhD, FACMG (800) NICHOLS-4307
Electronic Signature: 8/29/2023 3:33 PM
Test Performed at:
Quest Diagnostics Nichols Institute
33608 Ortega Highway
San Juan Capistrano, CA 92675-2042 I Maramica MD, PhD, MBA

Clinical Indication Atypical urothelial cells suspicious for QCRL
Specimen type / Source URINE QCRL

Performing Site:
QCRL: QUEST DIAGNOSTICS REFERENCE LAB CAPISTRANO 33608 Ortega Highway San Juan Capistrano CA 92675

Reported Date: 2023.08.31 10:50 UROVQ