

Department of Uro pathology

GF00000 **DIAGNOSTIC REPORT**

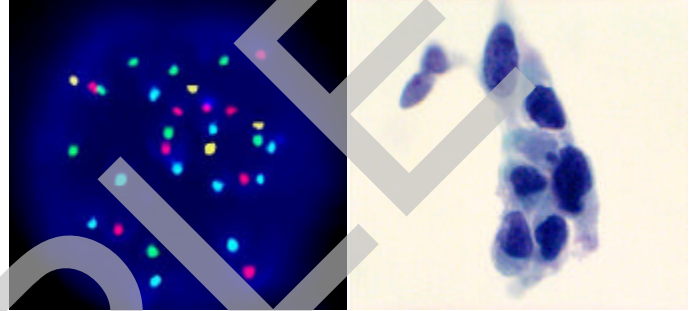
DIANON SYSTEMS
840 RESEARCH PARKWAY
OKLAHOMA CITY, OK 73104

| | | | | |
|--|-----------|-----------------|--|-----------------------|
| Accession No. UH0000000 | Chart No. | Sex M | D.O.B. 02/03/1900 76 Yrs | Page 1 of 2 |
| Patient Name SAMPLE, PATIENT | | | Life ID:*****0000 Phone:000 000 0000 Collected 12/11/12 | |
| Requesting Physician SAMPLE, PHYSICIAN, MD | | | Received 12/13/12 | |
| Referring Physician | | | Reported 12/17/12 | |
| Clinical Data TCC No therapy | | | | |

INTEGRATED CYTOMOLECULAR DIAGNOSIS

Positive for malignancy. High-grade urothelial carcinoma and/or carcinoma in-situ. This diagnosis is based upon the presence of morphologically abnormal urothelial cells and a positive (neoplasia-associated) karyotypic profile.

PHOTOMICROGRAPH



CYTOMORPHOLOGIC FINDINGS

Highly abnormal urothelial cells with markedly atypical nuclear features: severe hyperchromasia, coarsened chromatin texture, pleomorphism and increased nucleocytoplasmic ratio.

UROVYSION™ FINDINGS

Result: Positive UroVysion

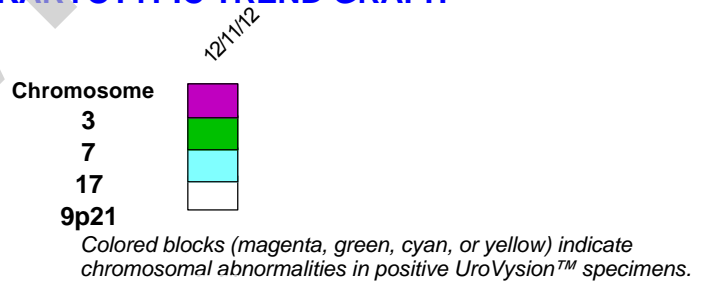
Fluorescence in situ hybridization (FISH) of cells recovered from urine was performed using the Vysis UroVysion Kit.

Twentyfive cells were examined. Ten cells showed

SPECIMEN DESCRIPTION

Voided Urine
 Received is 60ml of yellow, clear, preserved urine.

KARYOTYPIC TREND GRAPH



UroVysion™ **+**

DIAGNOSTIC TREND GRAPH

| | |
|---------------|---|
| Diagnosis | _____ |
| Positive | <input checked="" type="checkbox"/> _____ |
| Suspicious | _____ |
| Dysplasia | _____ |
| Atypical/Abnl | _____ |
| Negative | _____ |

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DIAGNOSTIC REPORT

CYTOLOGIC DIAGNOSIS (Continued)

more than two signals for at least two chromosomes (3, 7, or 17) indicating a **POSITIVE** result. The performance characteristics of this test have been validated by Dianon Systems. A positive result is the detection of four or more cells with greater than two signals for at least two chromosomes (3, and/or 7, and/or 17) and/or twelve or more cells with no signal for chromosome 9. Probes: 3cen(D3Z1), 7cen(D7Z1), 9p21(p16), 17cen(D17Z1)

SAMPLE




Shala Kosir, CT
Edward C. Poole, M.D.