



Bladder Analysis

Urine Analysis

Description

This test identifies bacteria in urine. It is used to diagnose and manage urinary tract infections.

A urine test checks different components of urine, a waste product made by the kidneys.

Color	Leukocyte esterase (WBC esterase)
Clarity	Ketones
Odor	Nitrites
Specific Gravity	Red or White Blood cells
pH	Glucose
Protein	

Microscopic Analysis:

Casts, Crystals, Bacteria, Yeast Cells, Parasites, and Squamous Cells

Cytology

Description

Cytopathology is a branch of pathology that studies diseases on the cellular level. The most common cytopathology application is the Pap smear, used to detect cervical cancer in women. Cytopathologists typically smear samples of cells on a microscope slide for analysis; looking for cells that should not be present. Cytopathology is one of the main diagnostic tools for cancer, but cytopathologists also look for illness-causing parasites and bacteria in urine, blood, and cells obtained by a fine needle aspiration from a mass or lesion.

UroVysion (Bladder Cancer Profile – cen, 7cen, 17cen, P16)

Description

The UroVysion Bladder Cancer Kit (UroVysion Kit) is FDA approved and designed to detect aneuploidy for chromosomes 3, 7, 17 and loss of the 9p21 locus via fluorescence in situ hybridization (FISH) in urine specimens from persons with hematuria, suspected of having bladder cancer. Results from the UroVysion Kit are intended for use, in conjunction with and not in lieu of current standard diagnostic procedures, as an aid for initial diagnosis of bladder carcinoma patients with hematuria and subsequent monitoring for tumor recurrence in patients previously diagnosed with bladder cancer.

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