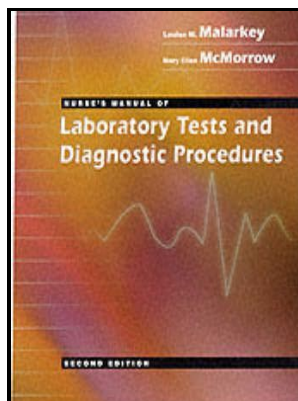


# Laboratory tests & diagnostic procedures

## Saunders - Understanding Laboratory Tests Fact Sheet



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Diagnosis, Laboratory. Laboratory tests & diagnostic procedures  
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### Laboratory Test

Food and Drug Administration FDA issued an EUA for use of the Flu SC2 Multiplex Assay on July 2, 2020. Some states have additional requirements that are equal to or more stringent than those outlined in CLIA. Decision level refers to a particular cutoff value for an analyte or test that enables individuals with a disorder or disease to be distinguished from those without the disorder or disease.

### Understanding Laboratory Tests Fact Sheet

How it is used: and of patients during and after treatment. How it is used: Detection and diagnosis of and other urothelial cancers, monitoring patients for cancer recurrence How do I interpret my test results? The reader is referred to reference 5 for a statistical briefing on how to estimate the probability of disease using likelihood ratios. You may need to fast for up to 12 hours before this test.

### Different Types of Lab Tests

This cycle consists of 3 phases: preanalytic, analytic, and post-analytic. Thus, in this situation, a laboratory test with high specificity is desirable. The Flu SC2 test kit was evaluated in CDC laboratories and three other public health laboratories to ensure that the test works as intended.

### Patient Education on Blood, Urine, and Other Lab Tests

Such an understanding is critical to good laboratory practice and patient outcomes. To illustrate the mathematical calculation of values for each of these parameters, consider the example given below: , Example 2 The laboratory test, prostate-specific antigen PSA , was studied with regard to its ability to discriminate patients with prostate cancer PCa from those without PCa.

### Laboratory Tests: MedlinePlus

For any given test, there is always a trade-off between sensitivity and specificity, such that choosing a cutoff value decision threshold for a particular test that maximizes sensitivity occurs at the expense of specificity. They also help doctors diagnose medical conditions, plan or evaluate treatments, and monitor diseases.



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