

Concept Test

The true positive rate in a measurement is called:

A. Diagnostic Sensitivity

B. Diagnostic Accuracy

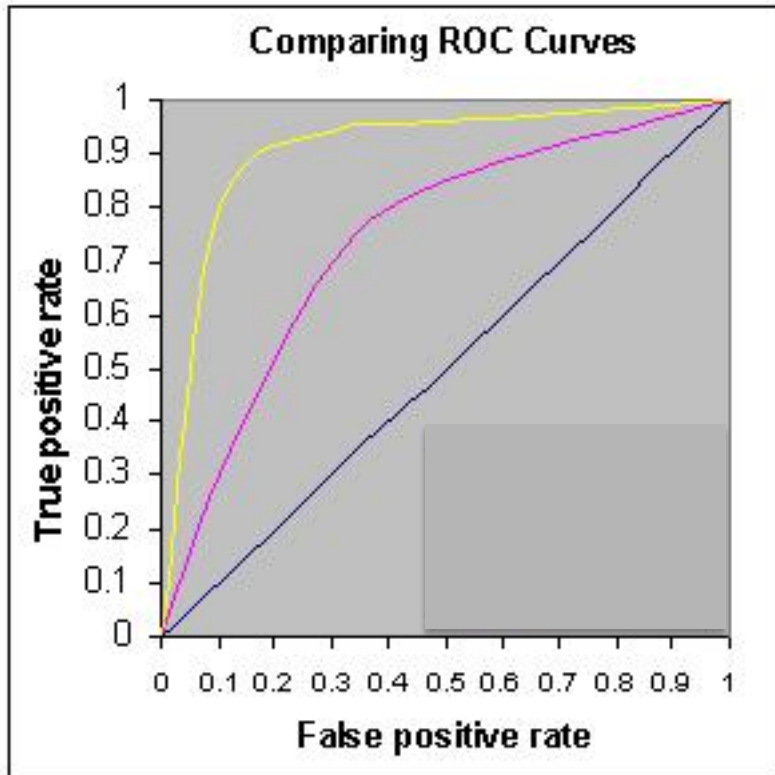
C. Diagnostic Specificity

D. Analytical Precision

Concept Test

Consider the ROC curves shown in the figure below.

Which curve corresponds to the least accurate test?



A. Yellow curve

B. Pink curve

C. Blue curve

Concept Test

You purchase a 10 mL volumetric flask from Ebay and the seller neglects to disclose that the mark on the flask corresponds to a volume of 9.2 mL instead of 10.0 mL. What kind of error is this likely to produce?

A. Random error

B. Systematic error

C. Both random and systematic errors

D. No errors will result as long as you hit the mark each time

Concept Test

What is the absolute uncertainty in the following subtraction?

$$22.62 \pm 0.07 - 6.1 \pm 0.2$$

A. 16.52 ± 0.21

B. 16.5 ± 0.2

C. 17 ± 0.2

D. 16.52 ± 0.13