

1000 people

**18 Test
Positive**

**2 Test
Negative**

882 Test Negative

98 Test Positive

20 sick people

980 well people

PREVALENCE MATTERS

IF 2% PREVALENCE, WITH 90% SENSITIVITY AND 90% SPECIFICITY

1000 people

20 sick people

980 well people

2 Test
Negative

18 Test
Positive

98 Test Positive

882 Test Negative

PPV = 15.5%, NPV > 99%

SIR WITH TESTING

