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**Actividad 2**

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**Tabla de 2 X 2**

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|  | Diagnostico TBC (positivo) | Diagnostico TBC (negativo) |
| Test ADA + | **17****a** | **2****b** |
| Test ADA - | **28****c** | **53****d** |

**Sensibilidad= a /a +c** = 17/ 17+28= 17/45= 0.37 **=37%**

**Especificidad= d/b +d** = 53/2+53= 53/55= 0.96=**96%**

**Exactitud = a +d/a +b +c +d** = 17+53 / 17+2+28+53=70/100=0.7=**70%**

**VP (+) = a/a +d** = 17/17+2=**0.89**

**VP (-) = d/c +d** = 53/28+53= 53/81=**0.65**

**Prevalencia= a +c/ a +b +c +d =** 17+28/17 +2 +28 + 53 =45/100=**0.45 = 45%**

**Odd ppep= Probabilidad / 1 – probabilidad** = .45 /1 - .45 = .45/.55= **.81**

**RV = Sens / 1-esp =.**37/1 - .96 = .37 / .04 = **9.25**

**Odd ppop= ( RV) ( Odd ppep) =** 9.25 x .81 = **7.49**

**Porcentaje de Odd ppop = Odd ppop / 1+ ppop** = 7.49 /8.49= 0.88= **88%**

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**Matricula LME 16 17**