Comportamiento pruebas ideales

HIV+

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | CFP10\_\_vBlobs | ESAT6\_\_vBlobs | P24\_\_vBlobs | RV1681\_\_vBlobs | CFP10\_\_vAreas | ESAT6\_\_vAreas | P24\_\_vAreas | RV1681\_\_vAreas |
| Sensitivity | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| Specificity | 0.71875 | 0.509090909 | 0 | 0.475409836 | 1 | 0.975308642 | 0 | 0.938271605 |
| Positive Predictive Value | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| Negative Predictive Value | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 |
| #TotalPruebas | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 |
| #TP | 0 | 0 | 81 | 0 | 0 | 0 | 81 | 0 |
| #FP | 18 | 27 | 0 | 32 | 0 | 2 | 0 | 5 |
| #TN | 46 | 28 | 0 | 29 | 81 | 79 | 0 | 76 |
| #FN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| #Indet | 17 | 26 | 0 | 20 | 0 | 0 | 0 | 0 |
| #Invalidos | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | CFP10\_\_vBlobs | ESAT6\_\_vBlobs | P24\_\_vBlobs | RV1681\_\_vBlobs | CFP10\_\_vAreas | ESAT6\_\_vAreas | P24\_\_vAreas | RV1681\_\_vAreas |
| Sensitivity | 1 | 1 | 1 | 1 | 0.781818182 | 0.945454545 | 1 | 0.909090909 |
| Specificity | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Positive Predictive Value | 0.981818182 | 0.982142857 | 1 | 0.982142857 | 0.977272727 | 0.981132075 | 1 | 0.980392157 |
| Negative Predictive Value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| #TotalPruebas | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 |
| #TP | 54 | 55 | 56 | 55 | 43 | 52 | 56 | 50 |
| #FP | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 |
| #TN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| #FN | 0 | 0 | 0 | 0 | 12 | 3 | 0 | 5 |
| #Indet | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| #Invalidos | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Sensitivity TB = 0.97

Comportamiento pruebas no ideales

HIV+

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | CFP10\_\_vBlobs | ESAT6\_\_vBlobs | P24\_\_vBlobs | RV1681\_\_vBlobs | CFP10\_\_vAreas | ESAT6\_\_vAreas | P24\_\_vAreas | RV1681\_\_vAreas |
| Sensitivity | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| Specificity | 0.387096774 | 0.185185185 | 0 | 0.057142857 | 1 | 0.976744186 | 0 | 0.837209302 |
| Positive Predictive Value | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| Negative Predictive Value | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 |
| #TotalPruebas | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 |
| #TP | 0 | 0 | 43 | 0 | 0 | 0 | 43 | 0 |
| #FP | 19 | 22 | 0 | 33 | 0 | 1 | 0 | 7 |
| #TN | 12 | 5 | 0 | 2 | 43 | 42 | 0 | 36 |
| #FN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| #Indet | 12 | 16 | 0 | 8 | 0 | 0 | 0 | 0 |
| #Invalidos | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | CFP10\_\_vBlobs | ESAT6\_\_vBlobs | P24\_\_vBlobs | RV1681\_\_vBlobs | CFP10\_\_vAreas | ESAT6\_\_vAreas | P24\_\_vAreas | RV1681\_\_vAreas |
| Sensitivity | 0.925 | 0.888888889 | 1 | 1 | 0.291666667 | 0.446808511 | 0.92 | 0.958333333 |
| Specificity | 0 | 0 | 0 | 0 | 0.5 | 0 | 0 | 0 |
| Positive Predictive Value | 0.948717949 | 0.930232558 | 1 | 0.96 | 0.933333333 | 0.875 | 1 | 0.958333333 |
| Negative Predictive Value | 0 | 0 | 0 | 0 | 0.028571429 | 0 | 0 | 0 |
| #TotalPruebas | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| #TP | 37 | 40 | 50 | 48 | 14 | 21 | 46 | 46 |
| #FP | 2 | 3 | 0 | 2 | 1 | 3 | 0 | 2 |
| #TN | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| #FN | 3 | 5 | 0 | 0 | 34 | 26 | 4 | 2 |
| #Indet | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| #Invalidos | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

A nivel enfermedad, tomando cualquier marcador como presencia de tb se obtiene 1 de Sensibilidad.