

## ***Potential diagnostic value of pleural fluid cytokines levels for tuberculous pleural effusion***

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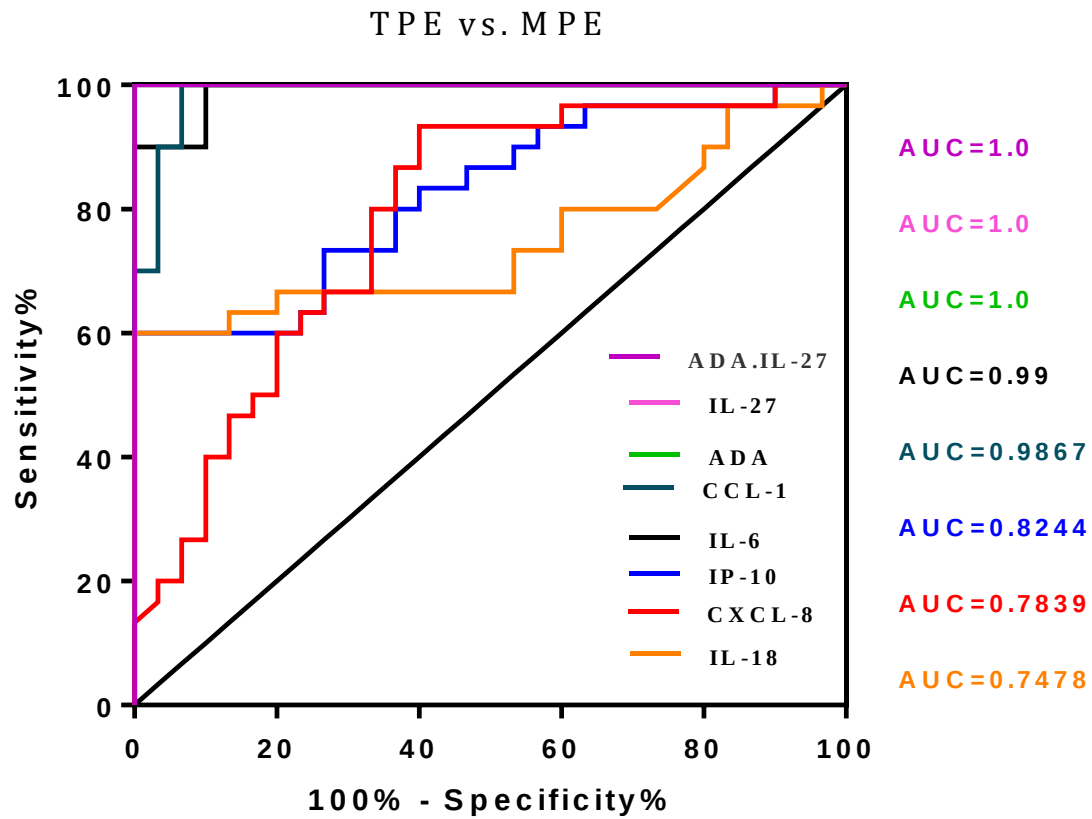
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**Supplementary table S1.** The diagnostic accuracy of pleural fluid inflammatory mediators for the differentiation of tuberculous from malignant pleural effusions.

| Variables        | Cut-off value                              | Area under curve<br>(95% confidence interval) | P value | Sensitivity<br>(%) | Specificity<br>(%) | Positive<br>likelihood ratio | Negative<br>likelihood ratio | Positive<br>predictive value | Negative<br>predictive value | Diagnostic<br>accuracy (%) |
|------------------|--------------------------------------------|-----------------------------------------------|---------|--------------------|--------------------|------------------------------|------------------------------|------------------------------|------------------------------|----------------------------|
| <b>IL-27</b>     | 1040 pg/ml                                 | 1                                             | ≤0.0001 | 100                | 100                | -                            | 0                            | 100                          | 100                          | 100                        |
| <b>IL-6</b>      | 3026 pg/ml                                 | 0.99                                          | ≤0.0001 | 100                | 90                 | 10                           | 0                            | 90.9                         | 100                          | 95                         |
| <b>IL-18</b>     | 1200 pg/ml                                 | 0.7778                                        | 0.0002  | 60                 | 100                | -                            | 0.4                          | 100                          | 71.4                         | 80                         |
| <b>CXCL-8</b>    | 144.5 pg/ml                                | 0.7832                                        | 0.0002  | 93.3               | 60                 | 2.33                         | 0.11                         | 70                           | 90                           | 76.6                       |
| <b>CCL-1</b>     | 51.85 pg/ml                                | 0.9867                                        | ≤0.0001 | 100                | 93.3               | 14.28                        | 0                            | 93.7                         | 100                          | 96.6                       |
| <b>IP-10</b>     | 2072 pg/ml                                 | 0.8244                                        | ≤0.0001 | 60                 | 100                | -                            | 0.4                          | 100                          | 71.4                         | 80                         |
| <b>ADA</b>       | 20.5 IU/L                                  | 1                                             | ≤0.0001 | 100                | 100                | -                            | 0                            | 100                          | 100                          | 100                        |
| <b>ADA.IL-27</b> | 31.14 10 <sup>3</sup> .U.ng/L <sup>2</sup> | 1                                             | ≤0.0001 | 100                | 100                | -                            | 0                            | 100                          | 100                          | 100                        |

**Abbreviations:** ADA: Adenosine deaminase, IL: Interleukin, CXCL: C-X-C motif chemokine ligand, CCL: C-C motif chemokine ligand, IP-10: Interferon gamma-induced protein 10 or CXCL10.

Supplementary figure S1:



**Supplementary Figure S1:**

ROC curve of ADA, IL-27, ADA-IL-27, IL-6, IL-18, CXCL8, CCL1 and IP-10 for differential diagnosis of TPE (n = 30) versus MPE (n = 30). TPE: Tuberculous pleural effusion. MPE: Malignant pleural effusion.