

**Suppl Table 1. Performance characteristics of key biomarkers and biomarker ratios for differentiating between MTB-infected and non-MTB-infected children.**

Biomarker	AUC ROC (95% CI)	p-value	Optimal Cut-off <sup>a</sup>	Sensitivity <sup>a</sup> (%)	Specificity <sup>a</sup> (%)
CXCL11	0.46 (0.28-0.64)	0.71	-	-	-
IFN- $\gamma$	0.65 (0.49-0.81)	0.08	-	-	-
TNF- $\alpha$	0.41 (0.24-0.59)	0.36	-	-	-
IL-1ra	0.48 (0.31-0.66)	0.90	-	-	-
IL-2	0.55 (0.38-0.72)	0.53	-	-	-
IL-9	0.48 (0.30-0.65)	0.84	-	-	-
IL-10	0.53 (0.35-0.71)	0.72	-	-	-
IL-13	0.62 (0.45-0.78)	0.17	-	-	-
IL-21	0.50 (0.33-0.68)	0.92	-	-	-
IP-10	0.56 (0.37-0.75)	0.49	-	-	-
<b>MCP-1</b>	<b>0.24 (0.09-0.39)</b>	<b>&lt;0.01</b>	<b>&lt;8.0</b>	<b>60.6</b>	<b>20.0</b>
MCP-3	0.55 (0.37-0.73)	0.57	-	-	-
MDC	0.49 (0.32-0.66)	0.97	-	-	-
MIP-1 $\beta$	0.55 (0.37-0.72)	0.57	-	-	-
MMP-1	0.44 (0.26-0.62)	0.54	-	-	-
MMP-7	0.40 (0.23-0.56)	0.27	-	-	-
MMP-8	0.38 (0.21-0.56)	0.21	-	-	-
<b>IFN-<math>\gamma</math>/MCP-1</b>	<b>0.82 (0.70-0.94)</b>	<b>&lt;0.01</b>	<b>0.10</b>	<b>87.9</b>	<b>66.6</b>
<b>IL-2/MCP-1</b>	<b>0.78 (0.64-0.92)</b>	<b>&lt;0.01</b>	<b>0.16</b>	<b>81.8</b>	<b>66.6</b>

<sup>a</sup> Youden's index. Abbreviations: AUC, area under the curve; ROC, receiver operating characteristic; CI, confidence interval.