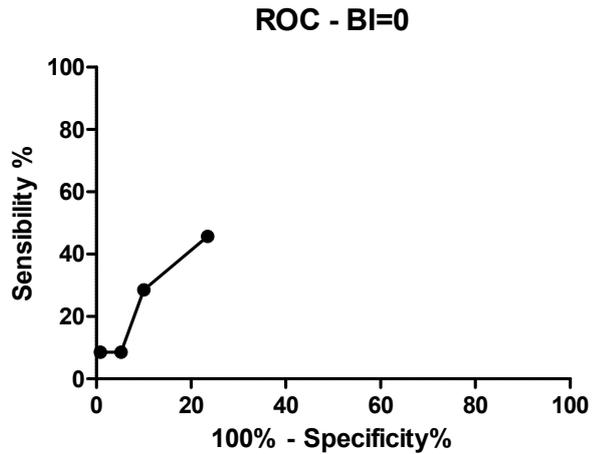


Figure 1. Receiver Operating Curves (ROC) for ML Flow test in leprosy patients who developed RR, ENL and reaction-free.

A- Comparison of ML Flow test results of RR and Reaction-free BI Negative patients

Score	Sensitivity%	95% CI	Specificity%	95% CI
≥1	45,71	28,83% to 63,35%	76,52	70,50% to 81,84%
≥ 2	28,57	14,64% to 46,30%	90,00	85,37% to 93,55%
≥ 3	8,571	1,804% to 23,06%	94,78	91,06% to 97,28%
=4	8,571	1,804% to 23,06%	99,13	96,89% to 99,89%

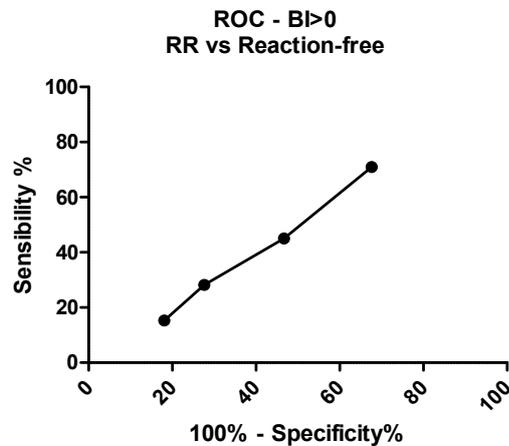
Area under the ROC curve	
Area	0,6206
Std. Error	0,05485
95% confidence interval	0,5130 to 0,7281
P value	0,02163
Data	
Controls (Reaction-free)	230
Patients (RR)	35
Missing Controls	0
Missing Patients	0



B- Comparison of ML Flow test results of RR and Reaction-free BI Positive patients

Score	Sensitivity%	95% CI	Specificity%	95% CI
0	15,27	9,582% to 22,59%	81,90	73,19% to 88,74%
≤1	28,24	20,73% to 36,77%	72,38	62,80% to 80,66%
≤2	45,04	36,34% to 53,97%	53,33	43,34% to 63,13%
≤3	70,99	62,42% to 78,59%	32,38	23,57% to 42,21%

Area under the ROC curve	
Area	0,5027
Std. Error	0,03808
95% confidence interval	0,4281 to 0,5774
P value	0,9426
Data	
Controls (Reaction-free)	105
Patients (RR)	131
Missing Controls	0
Missing Patients	0



C- Comparison of ML Flow test results of ENL and Reaction-free BI Positive patients

Score	Sensitivity%	95% CI	Specificity%	95% CI
> 1	91,67	80,02% to 97,68%	18,10	11,26% to 26,81%
> 2	72,92	58,15% to 84,72%	27,62	19,34% to 37,20%
> 3	66,67	51,59% to 79,60%	46,67	36,87% to 56,66%
= 4	41,67	27,61% to 56,79%	67,62	57,79% to 76,43%

Area under the ROC curve	
Area	0,5657
Std. Error	0,04964
95% confidence interval	0,4684 to 0,6630
P value	0,1931
Data	
Controls (Reaction-free)	105
Patients (ENL)	48
Missing Controls	0
Missing Patients	0

