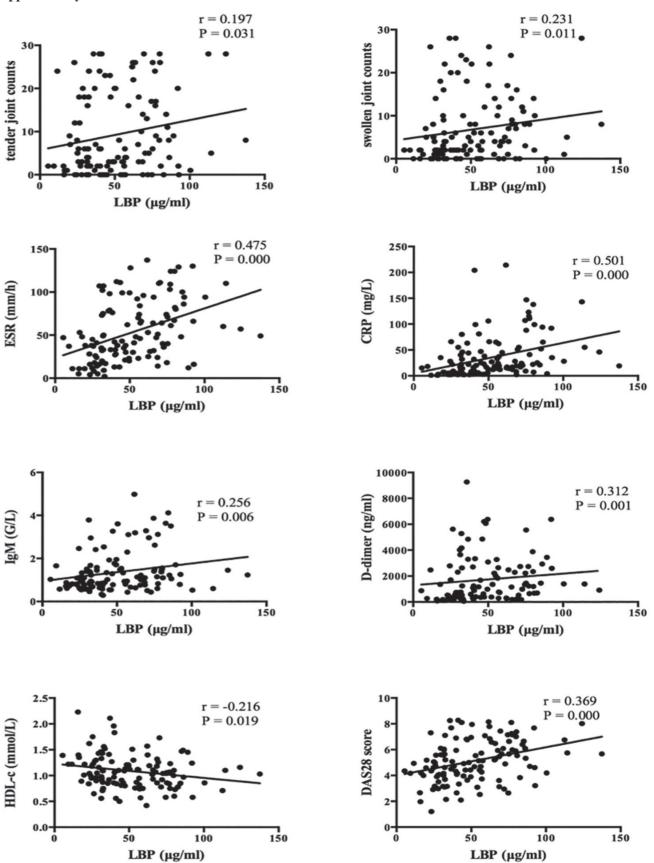
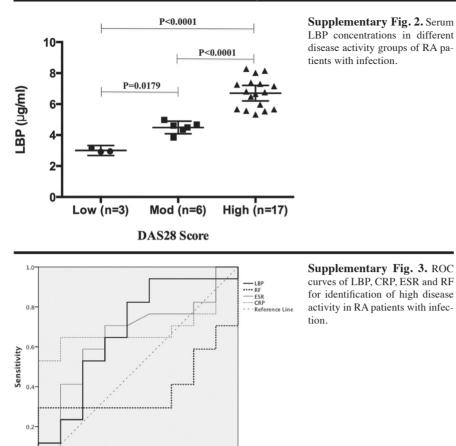
Supplementary material



Supplementary Fig. 1. The significant correlations between serum LBP and clinical features.

LBP as a biomarker to evaluate disease acctivity in RA / W. Wen et al.



Supplementary Table I, Part 1.

0.4

1 - Specificity

0.6

0.8

0.2

0.0

Correlation analysis of CRP levels serum with clinical data in patients negative in both CRP and ESR.

1.0

Parameter	Spearman correlation coefficient	<i>p</i> -value	
D-dimer	0.236	0.316	
IgA	0.235	0.305	
IgG	0.034	0.884	
IgM	-0.006	0.978	
C3	0.229	0.319	
C4	-0.254	0.266	
Tender joint counts	0.184	0.425	
Swollen joint counts	0.082	0.725	
DAS28	0.118	0.610	

Supplementary Table I, Part 2.

Correlation analysis of ESR levels serum with clinical data in patients negative in both CRP and ESR.

Parameter	Spearman correlation coefficient	<i>p</i> -value	
D-dimer	-0.005	0.984	
IgA	0.344	0.126	
IgG	0.308	0.175	
IgM	0.213	0.355	
Č3	0.217	0.344	
C4	0.049	0.833	
Tender joint counts	-0.013	0.954	
Swollen joint counts	0.249	0.264	
DAS28	0.238	0.287	

Supplementary Table II. Correlation analysis of LBP levels serum with clinical data in patients negative in both CRP and ESR.

Parameter Spearman correla	ation coefficient	<i>p</i> -value	
D-dimer	0.267	0.255	
IgA	0.290	0.203	
IgG	0.070	0.763	
IgM	0.297	0.190	
C3	-0.091	0.695	
C4	-0.113	0.625	
Tender joint counts	-0.027	0.904	
Swollen joint counts	0.479	0.024*	
DAS28	0.169	0.453	

*p < 0.05; **p < 0.01; ***p < 0.001

Supplementary Table III.

Distribution of the infections in RA patients.

Diagnosis	Case number	LBP levels	<i>p</i> -value
Upper respiratory infection	7	56.32 ± 29.55	0.426
Acute bronchitis	4	54.98 ± 27.77	0.612
Pulmonary infection	12	62.04 ± 32.35	0.083
Tuberculosis	3	43.17 ± 32.55	0.684
Other bacteria	9	68.33 ± 31.56	0.023*
Urinary infection	1	52.14	0.889
Bacteremia	2	99.29 ± 35.11	0.004**
Patients without infections	94	48.84 ± 23.48	-

p<0.05; p<0.01; p<0.01; p-value indicates the significance of serum LBP level elevation compared with that of RA patients without infection.

Supplementary Table IV.

Comparison of LBP, CRP and ESR in RA patients with and without infections.

	Infection (26)	Non-infection (94)	<i>p</i> -value
LBP	61.90 ± 30.73	48.84 ± 23.48	0.052
CRP	48.70 ± 47.38	31.03 ± 38.88	0.053
ESR	63.27 ± 35.00	50.52 ± 39.20	0.108