ALRI	Aspartate aminotransferase lymphocyte ratio index – AST/L
LCR	Lymphocyte C-reactive protein ratio – L/CRP
MHR	Monocyte high-density lipoprotein cholesterol ratio – M/HDL
FAR	Fibrinogen albumin ratio – F/A
CAR	C-reactive protein albumin ratio – CRP/A
BAR	Blood urea nitrogen albumin ratio – BUN/A
AGR	Albumin globulin ratio – A/G
NAR	Neutrophil albumin ratio – N/A
PAR	Platelet albumin ratio – P/A
APRI	Aspartate aminotransferase platelet ratio index – AST/P
CALL score	Calculator of comorbidity age lymphocyte lactate dehydrogenase score

Predictive values of biochemical markers as early indicators for severe COVID-19 cases in admission

Indicators	AUC	p-value	Optimal threshold	Sensitivity	Specificity	Youden index
ALRI	0.681	<0.0001	>24.1	60	72.64	0.326
LCR	0.770	<0.0001	≤122.2	84	58.42	0.424
MHR	0.569	0.028	>0.01	63.37	48.62	0.120
FAR	0.766	<0.0001	>0.102	65.31	77.91	0.432
CAR	0.765	<0.0001	>6.25	68.32	75.49	0.438
BAR	0.795	<0.0001	>0.478	63.37	84.89	0.483
AGR	0.760	<0.0001	≤1.52	57	85.49	0.425
NAR	0.759	<0.0001	>0.12	63.37	78.7	0.421
PAR	0.598	0.004	>7.83	32.67	86.79	0.195
APRI	0.577	0.03	>0.64	30	88.19	0.182
CALL score	0.778	<0.0001	>6	82.18	54.13	0.429