

Table S1. Comparison of main lymphocyte subsets expressed as frequencies and absolute numbers in peripheral blood. Values are shown as Median (IQR) and Mean \pm SD.

	Mild (n=73)	Moderate-Severe (n=82)	p-value
%CD3	70.30 \pm 10.79	65.81 \pm 13.11	0.022
%CD4	45.33 \pm 13.2	42.02 \pm 12.93	NS (0.118)
%CD8	21.76 \pm 11.74	20.18 \pm 11.60	NS (0.403)
Ratio	2.15 (1.39-3.74)	2.32 (1.36-3.83)	NS (0.498)
%CD19	10.56 \pm 6.29	11.94 \pm 10.30	NS (0.324)
#Lymphocytes	1249 (836-1909)	904 (639-1216)	0.001
#CD3	866 (534-1406)	619 (367-839)	< 0.001
#CD4	553 (383-857)	358 (228-544)	< 0.001
#CD8	227 (122-476)	156 (86-297)	0.007
#CD19	105 (62-200)	82 (45-122)	0.762

For parametric and non parametric variables, mean \pm SD and median (interquartile range) are shown. For comparison, T-student and U-Mann Whitney test, respectively were used.

Abbreviations: IQR: Interquartile Range; SD: Standard Deviation; NS: Not Significant. # Absolute count.

Table S2. CD134 and CD25 expression after stimulation with N, M and S specific SARS-CoV-2 antigens

	Mild (n=38)	Moderate-Severe (n=42)	p-value
CD4; median (IQR)			
N	1.43 (0.82-2.96)	1.67 (1.04-2.80)	NS (0.305)
S	1.61 (0.83-3.20)	1.94 (1.62-3.01)	NS (0.551)
M	1.64 (0.99-3.11)	1.77 (1.03-2.90)	NS (0.380)

U-Mann Whitney test for comparison was applied.

Abbreviations: HC, healthy controls; WS, without stimulation; N, nucleocapsid peptide; S, spike peptide; M, membrane peptide; Ag, antigen.