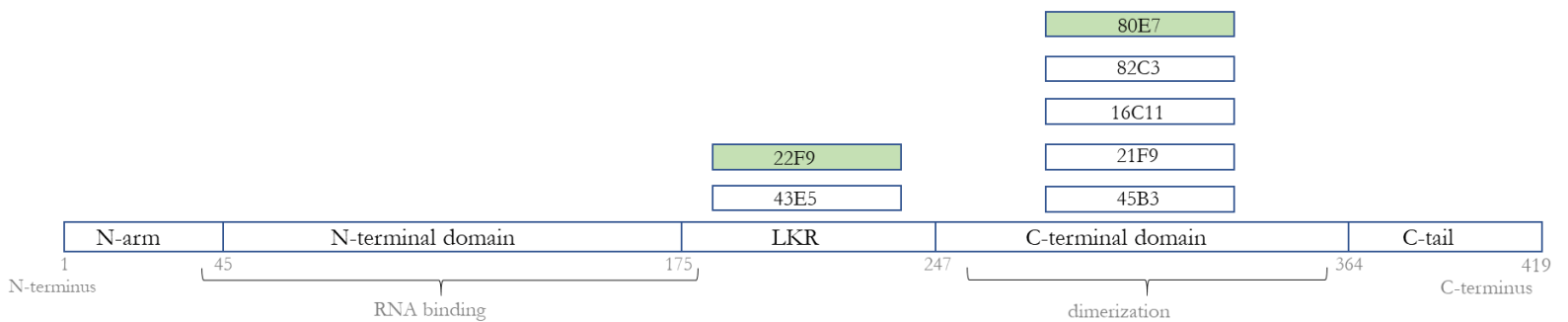


## Monoclonal antibodies against SARS-CoV-2 Nucleocapsid protein

**Table 1.** Different antibody clones against SARS-CoV-2 Nucleocapsid protein. Best results are seen when using clone 22F9 for capture and 80E7 for detection in sandwich ELISA.

Antibody ID	Antibody Format	$K_d$ (M)	$K_d$ on (1/M)	$K_d$ off (1/s)
16C11	hIgG1- $\lambda$	3,24E-09	2,36E+05	7,66E-04
22F9	hIgG1- $\lambda$	<1.0E-12	1,20E+05	<1.0E-07
21F9	hIgG1- $\lambda$	1,10E-09	2,87E+05	3,14E-04
45B3	hIgG1- $\lambda$	1,18E-09	1,70E+05	2,01E-04
43E5	hIgG1- $\lambda$	<1.0E-12	1,27E+05	<1.0E-07
80E7	rIgG	1,91E-10	1,20E+05	2,28E-05
82C3	rIgG	<1.0E-12	1,22E+05	<1.0E-07
80E7	hIgG1- $\kappa$	<1.0E-12	2,19E+05	1,44E-07
82C3	hIgG1- $\kappa$	<1.0E-12	2,72E+05	<1.0E-07



**Figure 1.** Antibody clones 22F9 and 43E5 bind to linker part of the SARS-CoV-2 N protein, while all the other clones bind to the C-terminal domain.