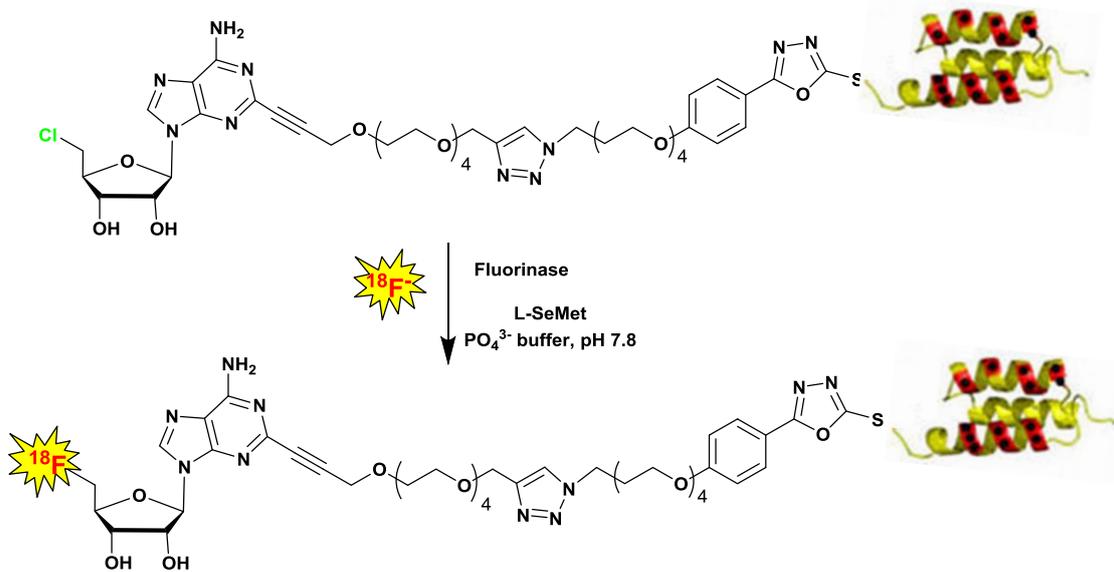


ZSJQZ008



Compound	Amount	
Fluorinase Freeze dried enzyme	5 mg	20 mg/mL final conc
L-Selenomethionine 2mM water	50 µL	
Affibody Precursor	40µg	
¹⁸ F in ¹⁸ O water solution	150 µL	290 MBq @14:37
Water	50 µL	

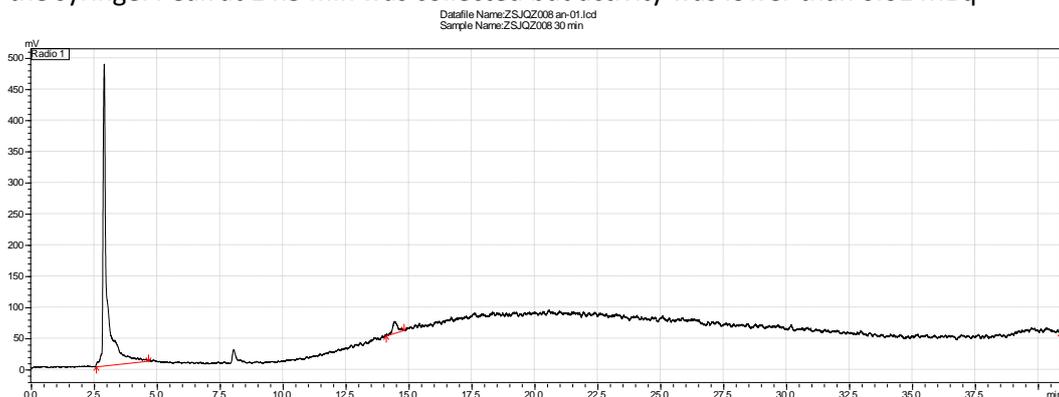
14:37 start incubation 37°C

15:07 reaction mixture was boiled at 95°C for 5 min. After that the eppendorf was spinned at 13500 rpm for 5 min.

Final activity 290 MBq @15:29

No clear precipitation of protein (gel like)

20 µL (16 MBq @ 15:31) were loaded in the HPLC syringe and injected in analytical HPLC, 1 MBq @15:32 residue in the syringe. Peak at 14.5 min was collected but activity was lower than 0.01 MBq



Peak#	Ret. Time	Area	Height	Mark	Area%
1	2.916	5021838	482683	M	95.585
2	14.439	225008	17563	M	4.283
3	40.946	6931	1922		0.132
Total		5253777	502168		100.000