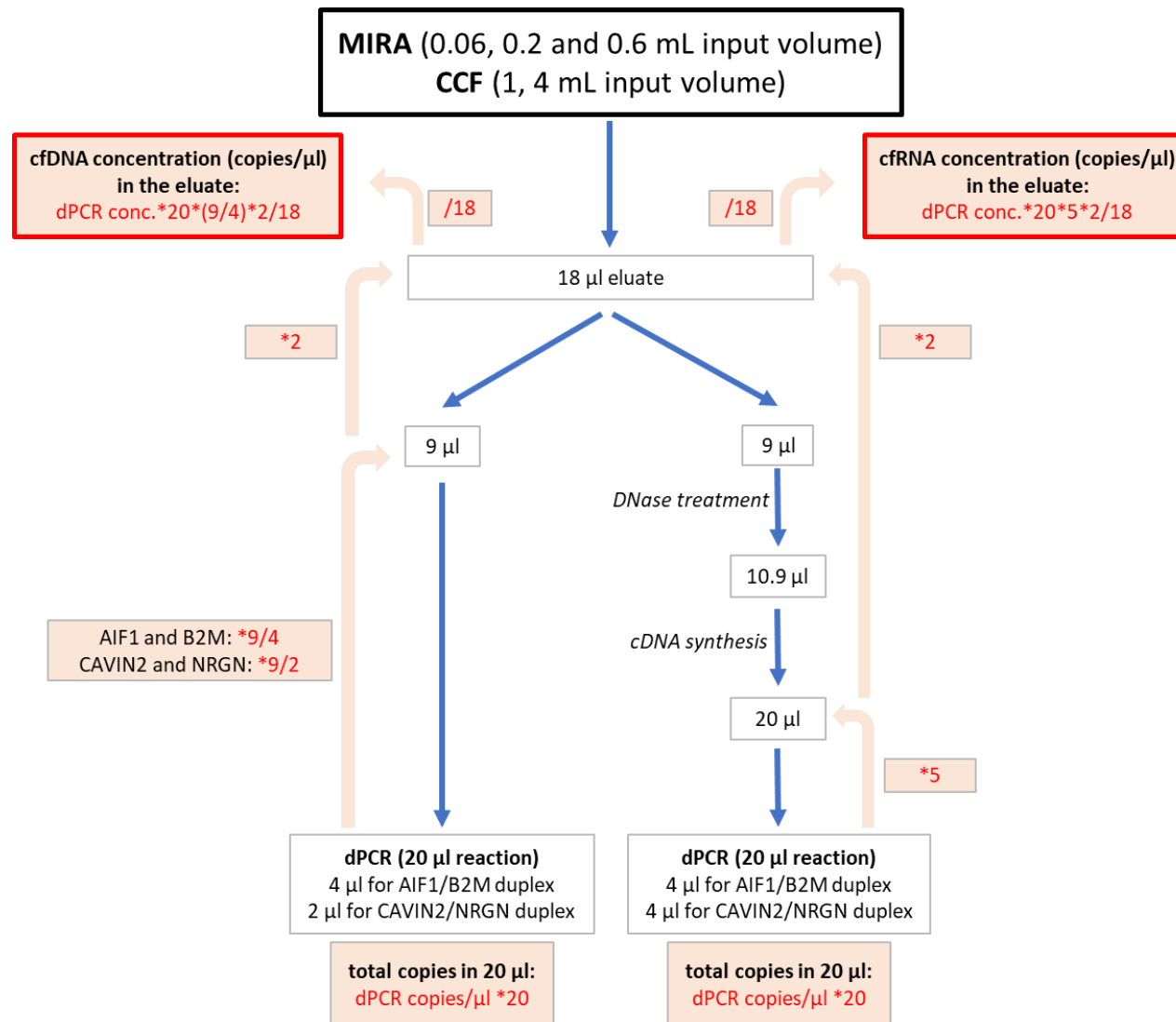
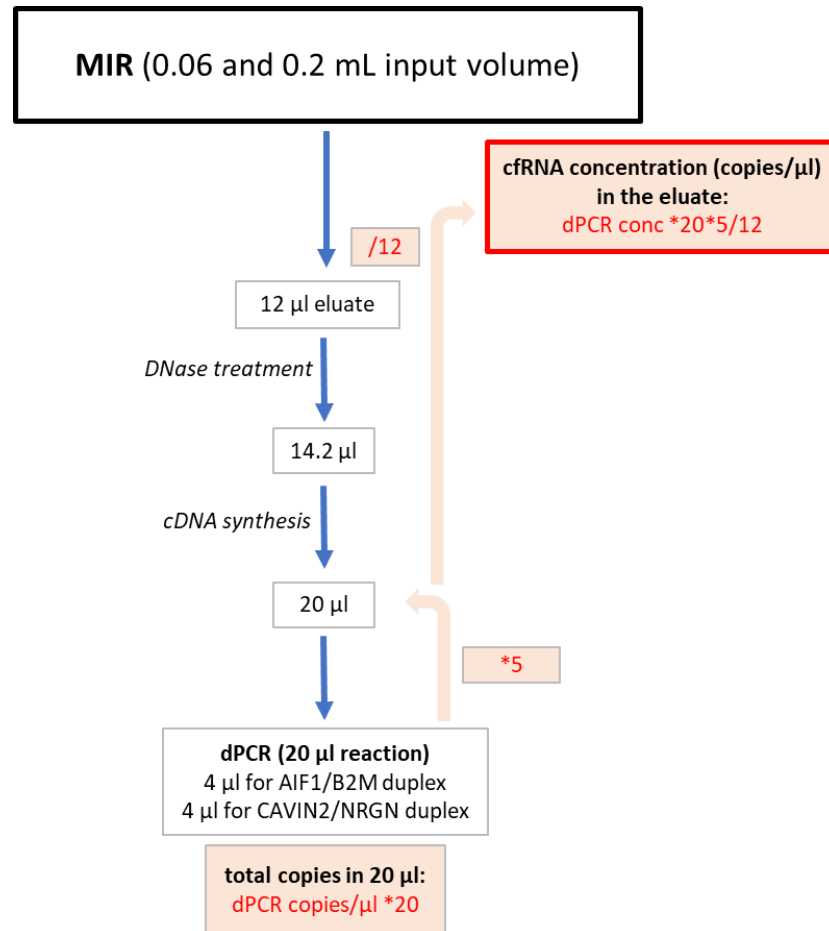


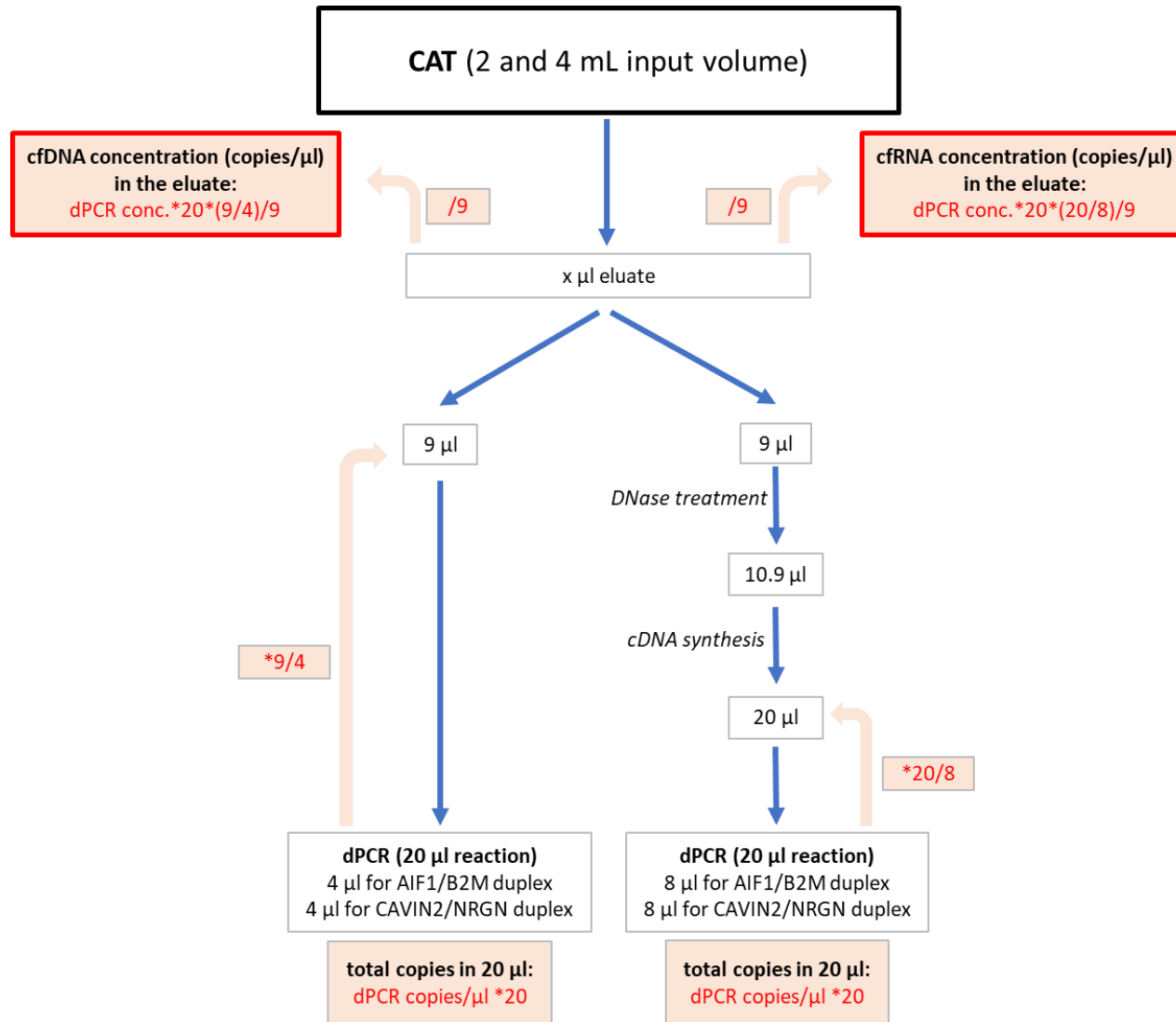
A



B



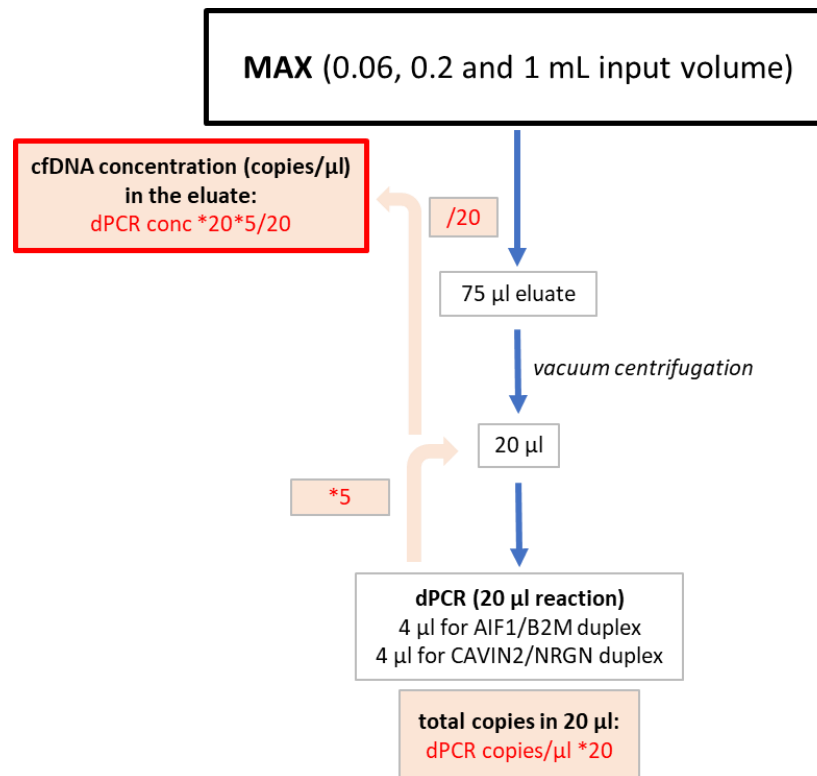
C



CAT2	
sample	x
D1 (EDTA)	19 µl
D2 (EDTA)	19 µl
D3 (EDTA)	27 µl

CAT4	
sample	x
D1 (EDTA)	21 µl
D2 (EDTA)	23 µl
D3 (EDTA)	18 µl

D

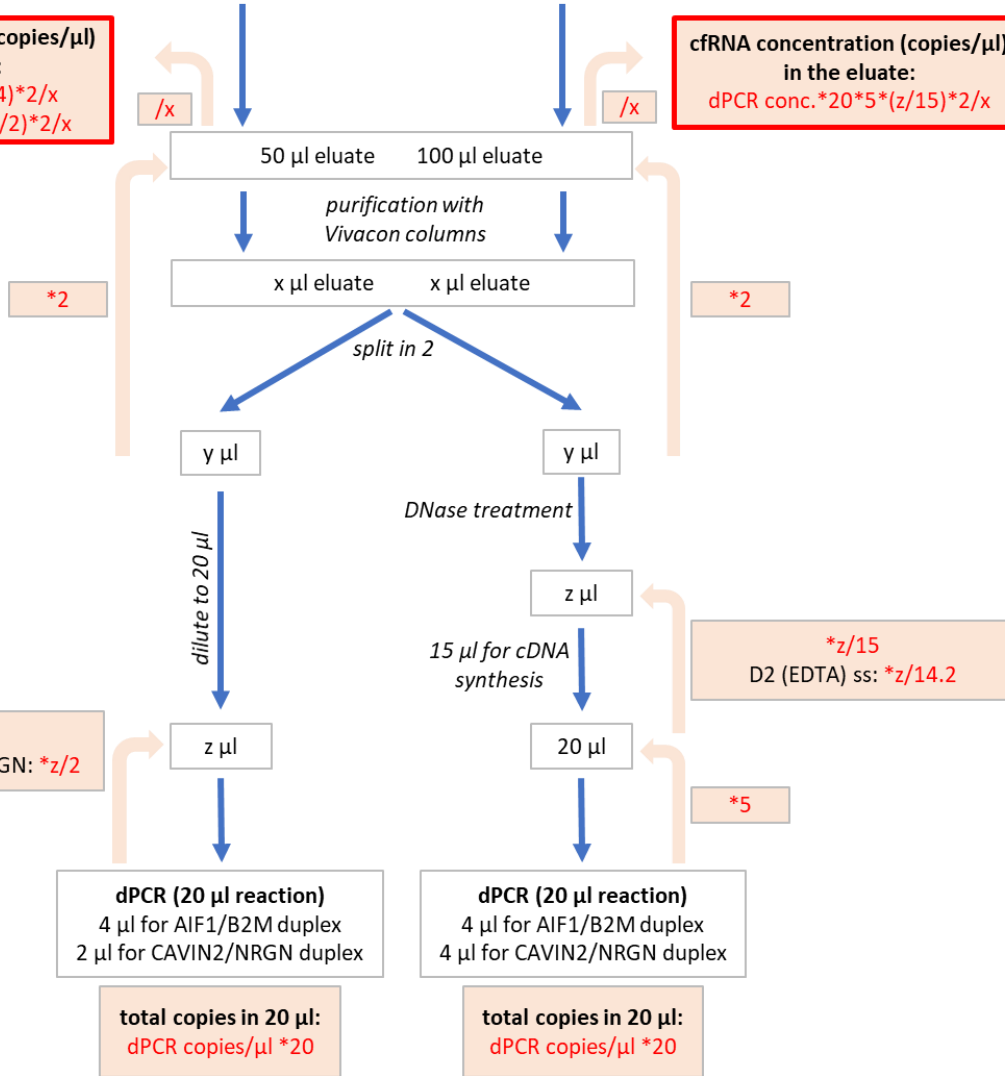


E

MAPss (2 mL input volume)
MAPds (2 mL input volume)

cfDNA concentration (copies/ μ l)
in the eluate:
dPCR conc. $\cdot 20 \cdot (z/4) \cdot 2/x$
or dPCR conc. $\cdot 20 \cdot (z/2) \cdot 2/x$

cfRNA concentration (copies/ μ l)
in the eluate:
dPCR conc. $\cdot 20 \cdot 5 \cdot (z/15) \cdot 2/x$



MAPss		MAPds	
sample	x	sample	x
D1 (citrate)	32 μ l	D1 (citrate)	34 μ l
D2 (citrate)	32 μ l	D2 (citrate)	36 μ l
D1 (EDTA)	30 μ l	D1 (EDTA)	42 μ l
D2 (EDTA)	24 μ l	D2 (EDTA)	44 μ l

cfDNA		cfRNA	
sample	y	sample	y
D1 (citrate) ss	16 μ l	D1 (citrate) ss	16 μ l
D2 (citrate) ss	16 μ l	D2 (citrate) ss	16 μ l
D1 (EDTA) ss	15 μ l	D1 (EDTA) ss	15 μ l
D2 (EDTA) ss	12 μ l	D2 (EDTA) ss	12 μ l
D1 (citrate) ds	17 μ l	D1 (citrate) ds	17 μ l
D2 (citrate) ds	18 μ l	D2 (citrate) ds	18 μ l
D1 (EDTA) ds	21 μ l	D1 (EDTA) ds	21 μ l
D2 (EDTA) ds	22 μ l	D2 (EDTA) ds	22 μ l

cfDNA		cfRNA	
sample	z	sample	z
D1 (citrate) ss	20 μ l	D1 (citrate) ss	18.6 μ l
D2 (citrate) ss	20 μ l	D2 (citrate) ss	18.6 μ l
D1 (EDTA) ss	20 μ l	D1 (EDTA) ss	17.5 μ l
D2 (EDTA) ss	20 μ l	D2 (EDTA) ss	14.2 μ l
D1 (citrate) ds	20 μ l	D1 (citrate) ds	19.7 μ l
D2 (citrate) ds	20 μ l	D2 (citrate) ds	21.8 μ l
D1 (EDTA) ds	21 μ l	D1 (EDTA) ds	25.1 μ l
D2 (EDTA) ds	22 μ l	D2 (EDTA) ds	26.2 μ l