

Densitometric analysis of dot blot experiments with the supernatants of the adsorption reaction with QM B1551 spores (fig.1B)

mRFP source	Amount of sample used	Density (OD/mm2) ^a	Amount of mRFP (ng) ^b	mRFP µg (% total)
Purified mRFP	100.00 ng	565.31	NA	NA
	50.00 ng	279.67	NA	NA
	25.00 ng	139.18	NA	NA
	12.50 ng	56.84	NA	NA
	6.25 ng	38.73	NA	NA
unbound mRFP	40.0 µl	89.00	16.69	0.50 (0.55%)
	20.0 µl	77.31	11.05	
	10.0 µl	47.30	6.95	

^a Density measured by optical density (OD) per square millimeter and obtained by ChemiDocXRS apparatus with Quantity-One software (Bio-Rad).

^b Calculated from signals (density OD/mm2) obtained with purified mRFP.
NA, not applicable.