

	Mean A_1 $\pm$ SD	Mean $A_2 \pm$ SD	D_1 ($\mu\text{m}^2/\text{s}$)	D_2 ($\mu\text{m}^2/\text{s}$)
Px, HEPES, time 0	1	-	6.36 ± 0.93	-
Px, HEPES, time 120 min	1	-	6.55 ± 2.20	-
HAPx, HEPES, time 0	1	-	2.36 ± 0.42	-
HAPx, HEPES, time 120 min	1	-	2.48 ± 0.60	-
Px, 10% FBS, time 0	1	-	3.27 ± 0.23	-
Px, 10% FBS, time 2h	1	-	2.28 ± 1.38	-
HAPx, 10% FBS, time 0	0.85 ± 0.13	0.15 ± 0.13	0.86 ± 0.58	56.08 (free siRNA- Atto643, fixed)
HAPx, 10% FBS, time 2h	0.96 ± 0.05	0.04 ± 0.05	1.23 ± 0.21	56.08 (free siRNA- Atto643, fixed)