

添加回収試験 測定値

◆ CD9/CD63 融合タンパク質(標準タンパク質)

<血清添加無し>

Added CD9/CD63 (pg/mL)	abs (OD450)	Observed (pg/mL)	Expected (pg/mL)	Recovery (%)
0	0.079	0		
20	0.354	19.4		
80	1.189	78.3		
160	2.172	155.4		

<血清 1 μ L添加>

Added CD9/CD63 (pg/mL)	abs (OD450)	Observed (pg/mL)	Expected (pg/mL)	Recovery (%)
0	0.093	0.3		
20	0.369	20.5	19.7	103.8
80	1.216	80.4	78.6	102.2
160	2.096	149.0	155.7	95.7

<血清 2.5 μ L添加>

Added CD9/CD63 (pg/mL)	abs (OD450)	Observed (pg/mL)	Expected (pg/mL)	Recovery (%)
0	0.106	1.2		
20	0.378	21.1	20.6	102.3
80	1.223	80.9	79.5	101.7
160	2.227	160.0	156.6	102.2

<血清 5 μ L添加>

Added CD9/CD63 (pg/mL)	abs (OD450)	Observed (pg/mL)	Expected (pg/mL)	Recovery (%)
0	0.125	2.7		
20	0.407	23.1	22.1	104.5
80	1.247	82.7	81.0	102.0
160	2.144	153.1	158.1	96.8

<血清 10 μ L添加>

Added CD9/CD63 (pg/mL)	abs (OD450)	Observed (pg/mL)	Expected (pg/mL)	Recovery (%)
0	0.169	6.1		
20	0.447	25.9	25.5	101.3
80	1.283	85.3	84.4	101.0
160	2.254	162.2	161.5	100.5

<血清 25 μ L添加>

Added CD9/CD63 (pg/mL)	abs (OD450)	Observed (pg/mL)	Expected (pg/mL)	Recovery (%)
0	0.284	14.5		
20	0.563	33.9	33.9	100.0
80	1.335	89.2	92.8	96.0
160	2.223	159.7	169.9	94.0

◆ MDA-MB-231細胞由来エクソソーム

<血清添加無し>

Added exosome (ng/mL)	abs (OD450)	Observed (ng/mL)	Expected (ng/mL)	Recovery (%)
0	0.084	0		
80	0.124	60.2		
320	0.255	265.9		
800	0.545	753.3		

<血清 1 μ L添加>

Added exosome (ng/mL)	abs (OD450)	Observed (ng/mL)	Expected (ng/mL)	Recovery (%)
0	0.090	0.0		
80	0.135	77.5	60.2	128.9
320	0.272	293.2	265.9	110.2
800	0.540	744.4	753.3	98.8

<血清 2.5 μ L添加>

Added exosome (ng/mL)	abs (OD450)	Observed (ng/mL)	Expected (ng/mL)	Recovery (%)
0	0.112	41.0		
80	0.157	112.0	101.2	110.7
320	0.263	279.5	306.9	91.1
800	0.534	733.0	794.3	92.3

<血清 5 μ L添加>

Added exosome (ng/mL)	abs (OD450)	Observed (ng/mL)	Expected (ng/mL)	Recovery (%)
0	0.127	64.9		
80	0.169	130.0	125.1	104.0
320	0.299	337.6	330.8	102.0
800	0.568	792.8	818.2	96.9

<血清 10 μ L添加>

Added exosome (ng/mL)	abs (OD450)	Observed (ng/mL)	Expected (ng/mL)	Recovery (%)
0	0.156	109.7		
80	0.190	163.0	169.9	95.9
320	0.302	342.5	375.6	91.2
800	0.541	746.2	863.0	86.5

<血清 25 μ L添加>

Added exosome (ng/mL)	abs (OD450)	Observed (ng/mL)	Expected (ng/mL)	Recovery (%)
0	0.265	281.9		
80	0.300	339.2	342.1	99.2
320	0.416	530.4	547.8	96.8
800	0.646	932.9	1035.2	90.1