CatchGene® Exosome DNA/RNA Kit

Cat. No.	Rxn
MT11004	4
MT11050	50
MT11250	250

Kit Content

	4rxn	50rxn	250rxn	
MT11 Column	4	50	250	pcs
Collection Tubes (2 ml)	12	150	750	pcs
Buffer EXO	2.4	30	150	ml
Buffer CRW1 (concentrated)	0.48	6	30	ml
Buffer CRW2 (concentrated)	0.96	12	60	ml
RNase-Free H_2O	0.96	12	60	ml

Kit Storage

Upon arrival,

1. Please store **MT11 Column** at **4℃** for long term storage.
2. Buffer, solvent and consumables, please store at 15-25 ℃.

Kit Preparation

1. **Prepare Buffer CRW1**
   Add 4 volume of 100% EtOH into concentrated Buffer CRW1 to get Buffer CRW1.
   After adding 100% EtOH, please tick the sticker on the bottle and close the cap tightly.
2. **Prepare Buffer CRW2**
   Add 4 volume of 100% EtOH into concentrated Buffer CRW2 to get Buffer CRW2.
   After adding 100% EtOH, please tick the sticker on the bottle and close the cap tightly.

General Protocol

1. Aliquot 100 µl exosome sample into 1.5 ml micro-centrifuge tube (not provided).
2. Add 350 µl Buffer EXO (add 1% β-mercaptoethanol freshly), vortex vigorously for 15 sec, brief spin down then incubate at 25°C (room temperature) for 5 min.
3. Add 250 µl 100% EtOH, vortex for 15 sec then briefly spin down.
4. Transfer all mixture to Spin Column (with 2ml Tube).
5. Centrifuge at 11,000 x g for 1 min, and change a new collection tube.
6. Add 500 µl Buffer CRW1 into spin column, centrifuge at 11,000 x g for 1 min, discard the flow-through.
7. Add 500 µl Buffer CRW2 into spin column, centrifuge at 11,000 x g for 1 min , discard the flow-through.
8. Repeat step 7.
9. Change a new collection tube, centrifuge at 11,000 x g for 3 min.
10. Place the spin column into 1.5 ml micro-centrifuge tube, add 30-100 µl RNase-Free H_2O and incubate at 25°C (room temperature) for 2 min.
11. Centrifuge at 11,000 x g for 1 min for elution.

FOR RESEARCH USE ONLY