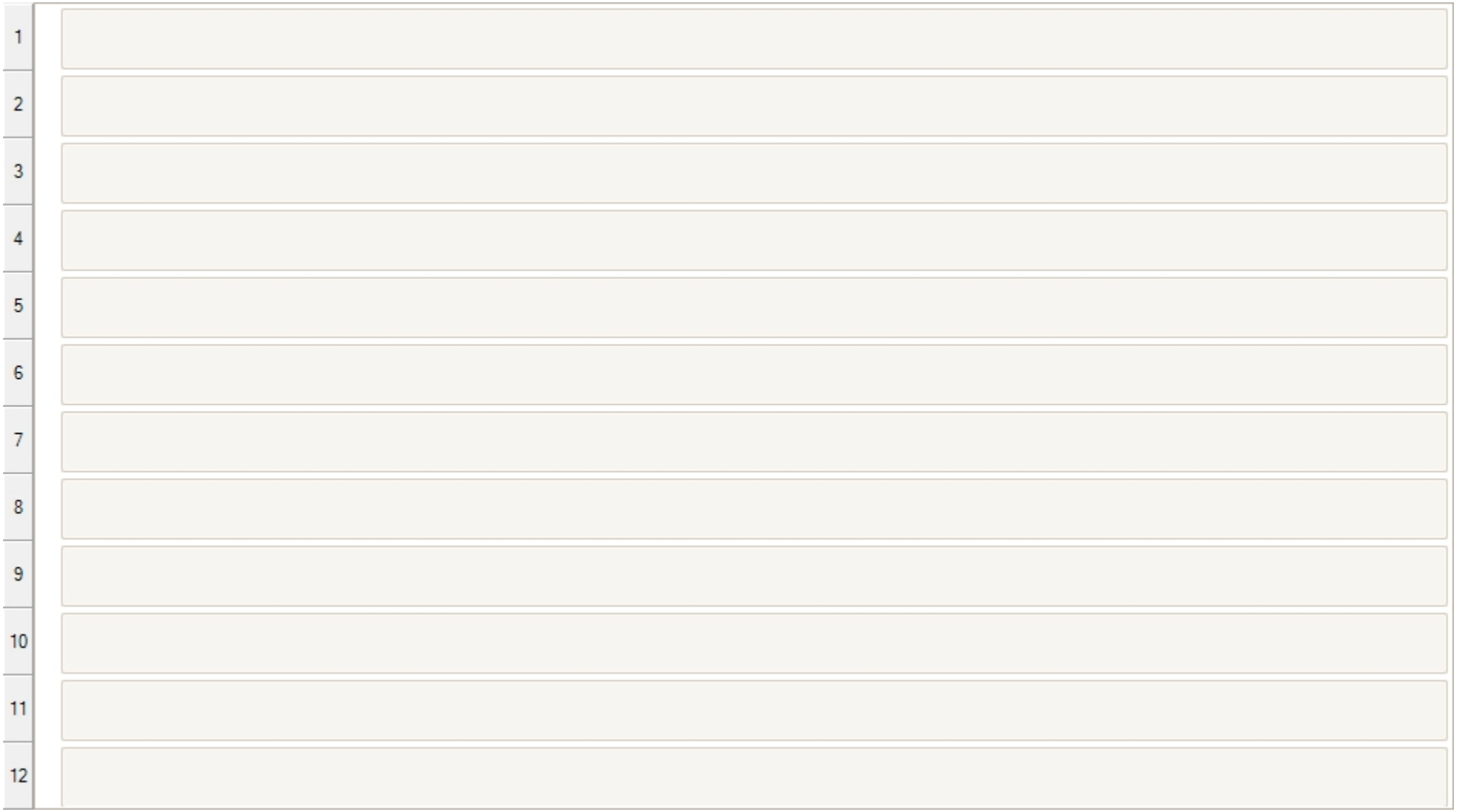
General info

Protocol information

Protocol name	Tissue_RNA_Duo
Modified by	admin
Kit name	MagJET RNA Kit
Description	MagJET RNA Kit protocol for RNA purification from mammalian cultured cells, tissues, bacteria and yeast using KingFisher Duo Instrument.

Sample layout



Reagent info

A (DNase I)		RNA plate	
Name	**Well volume [µl]**	**Total reagent volume [µl]**	**Type**
1X Reaction Buffer with MgCl2 for DNase	200	-	Reagent
DNase I (reconstituted)	5	-	Reagent

B (Sample)		RNA plate	
Name	**Well volume [µl]**	**Total reagent volume [µl]**	**Type**
Lysed sample	450	-	Reagent
Magnetic Beads	40	-	Reagent
Ethanol	400	-	Reagent

C (Wash 1)		RNA plate	
Name	**Well volume [µl]**	**Total reagent volume [µl]**	**Type**
Wash Buffer 1	700	-	Reagent

D (Wash 2_1)		RNA plate	
Name	**Well volume [µl]**	**Total reagent volume [µl]**	**Type**
Wash Buffer 2	700	-	Reagent

E (Wash 2_2)		RNA plate	
Name	**Well volume [µl]**	**Total reagent volume [µl]**	**Type**
Wash Buffer 2	700	-	Reagent

F		RNA plate	
Name	**Well volume [µl]**	**Total reagent volume [µl]**	**Type**
-	-	-	-

G (Tip Comb)		RNA plate	
Name	**Well volume [µl]**	**Total reagent volume [µl]**	**Type**
-	-	-	-

H		RNA plate	
Name	**Well volume [µl]**	**Total reagent volume [µl]**	**Type**
-	-	-	-

A (Elution Strip)		Elution strip	
Name	**Well volume [µl]**	**Total reagent volume [µl]**	**Type**
Water, nuclease free	100	-	Reagent

Dispensed reagents

A (DNase I)		RNA plate	
Name	**Step**	**Well volume [µl]**	**Total reagent volume [µl]**

Ethanol	Dispense	200	-

Steps data

Tip1		KingFisher Duo 12 tip comb	
	Pick-Up	RNA plate	(G) - Tip Comb
	Bind	RNA plate	(B) - Sample
	Beginning of step	Precollect	No
		Release beads	No
	Mixing / heating:	Mixing time, speed	00:05:00, Fast
		Heating during mixing	No
	End of step	Postmix	No
		Collect count	3
		Collect time [s]	1
		Post-temperature	No
	Dry1	RNA plate	(B) - Sample
		Dry time	00:05:00
		Tip position	Outside well / tube
	DNase	RNA plate	(A) - DNase I
	Beginning of step	Precollect	No
		Release time, speed	00:00:15, Bottom mix
	Mixing / heating:	Mixing time, speed	00:15:00, Medium
		Heating temperature [°C]	37
	End of step	Postmix	No
		Collect beads	No
		Post-temperature	No
	Dispense	RNA plate	(A) - DNase I
		Message	Add 200 ul Ethanol
		Dispensing volume [µl]	200
	Reagent(s)	Name	Ethanol
		Volume [µl]	200
	Rebind	RNA plate	(A) - DNase I
	Beginning of step	Precollect	No
		Release beads	No
	Mixing / heating:	Mixing time, speed	00:05:00, Fast
		Heating during mixing	No
	End of step	Postmix	No
		Collect count	3
		Collect time [s]	1
		Post-temperature	No

	Wash 1	RNA plate	(C) - Wash 1
	Beginning of step	Precollect	No
		Release time, speed	00:00:15, Bottom mix
	Mixing / heating:	Mixing time, speed	00:01:00, Fast
		Heating during mixing	No
	End of step	Postmix	No
		Collect count	3
		Collect time [s]	1
		Post-temperature	No
	Wash 2	RNA plate	(D) - Wash 2_1
	Beginning of step	Precollect	No
		Release time, speed	00:00:15, Bottom mix
	Mixing / heating:	Mixing time, speed	00:01:00, Fast
		Heating during mixing	No
	End of step	Postmix	No
		Collect count	3
		Collect time [s]	1
		Post-temperature	No
	Wash 3	RNA plate	(E) - Wash 2_2
	Beginning of step	Precollect	No
		Release time, speed	00:00:15, Bottom mix
	Mixing / heating:	Mixing time, speed	00:01:00, Fast
		Heating during mixing	No
	End of step	Postmix	No
		Collect count	3
		Collect time [s]	1
		Post-temperature	No
	Elution	Elution strip	(A) - Elution Strip
	Beginning of step	Precollect	No
		Release beads	Yes
	Mixing / heating:	Mixing time, speed	00:05:00, Fast
		Heating temperature [°C]	60
	End of step	Postmix	No
		Collect count	5
		Collect time [s]	30
		Post-temperature	No
	ReleaseBeads1	RNA plate	(C) - Wash 1
		Release time, speed	00:00:05, Fast
	Leave	RNA plate	(G) - Tip Comb

Lot info

No lot numbers have been defined.