

## General info

### Protocol information

Protocol name	Tissue_RNA_Flex
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 Flex Instrument.



## Reagent info

Sample		Microtiter DW 96 plate		
Name	Well volume [µl]	Total reagent volume [µl]	Type	
Lysed sample	450	-	Sample	
Magnetic Beads	40	-	Reagent	
Ethanol	400	-	Reagent	

DNase I		Microtiter DW 96 plate		
Name	Well volume [µl]	Total reagent volume [µl]	Type	
1X Reaction Buffer with MgCl <sub>2</sub> for DNase	200	-	Reagent	
DNase I (reconstituted)	5	-	Reagent	

Wash 1		Microtiter DW 96 plate		
Name	Well volume [µl]	Total reagent volume [µl]	Type	
Wash Buffer 1	700	-	Reagent	

Wash 2_1		Microtiter DW 96 plate		
Name	Well volume [µl]	Total reagent volume [µl]	Type	
Wash Buffer 2	700	-	Reagent	

Wash 2_2		Microtiter DW 96 plate		
Name	Well volume [µl]	Total reagent volume [µl]	Type	
Wash buffer 2	700	-	Reagent	

Elution		KingFisher 96 KF plate		
Name	Well volume [µl]	Total reagent volume [µl]	Type	
Water, nuclease free	100	-	Reagent	









  






Tip plate		KingFisher 96 KF plate		
Name	Well volume [µl]	Total reagent volume [µl]	Type	
-	-	-	-	

## Dispensed reagents

DNase I		Microtiter DW 96 plate		
Name	Step	Well volume [µl]	Total reagent volume [µl]	
Ethanol	Dispense	200	-	

## Steps data

	Tip1	96 DW tip comb	
	Pick-Up	Tip plate	
	Bind	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
	Dry	Sample	
		Dry time	00:05:00
		Tip position	Outside well / tube
	DNase	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
		Preheat	Yes
	End of step	Postmix	No
		Collect beads	No
	Dispense	DNase I	
		Message	Add 200 ul Ethanol
		Dispensing volume [µl]	200
	Reagent(s)	Name	Ethanol
		Volume [µl]	200
	Rebind	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
	Wash 1	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

	Wash 2	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
	Wash 3	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
	Elution	Elution	
	Beginning of step	Precollect	No
		Release beads	Yes
	Mixing / heating:	Mixing time, speed	00:05:00, Fast
		Heating temperature [°C]	60
		Preheat	Yes
	End of step	Postmix	No
		Collect count	5
		Collect time [s]	30
	Release Beads	Wash 2_2	
		Release time, speed	00:00:30, Fast
	Leave	Tip plate	

## Lot info

No lot numbers have been defined.