

General info

Protocol information

Protocol name	Plant_RNA_Duo
Modified by	admin
Kit name	MagJET Plant RNA Kit
Description	Protocol for total RNA purification from plant tissue samples.

Sample layout

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Reagent info

A		Total RNA_DW		
Name	Well volume [µl]	Total reagent volume [µl]	Type	
DNaseI working solution	200	-	Reagent	

B (tip)		Total RNA_DW		
Name	Well volume [µl]	Total reagent volume [µl]	Type	
-	-	-	-	

C		Total RNA_DW		
Name	Well volume [µl]	Total reagent volume [µl]	Type	
Lysated sample	400	-	Reagent	
Binding buffer	400	-	Reagent	
KingFisher Magnetic Beads	25	-	Reagent	

D		Total RNA_DW		
Name	Well volume [µl]	Total reagent volume [µl]	Type	
Wash Buffer 1_1	700	-	Reagent	

E		Total RNA_DW		
Name	Well volume [µl]	Total reagent volume [µl]	Type	
Wash Buffer 1_2	700	-	Reagent	

F		Total RNA_DW		
Name	Well volume [µl]	Total reagent volume [µl]	Type	
Wash Buffer 2_1	700	-	Reagent	

G		Total RNA_DW		
Name	Well volume [µl]	Total reagent volume [µl]	Type	
Wash Buffer 2_2	700	-	Reagent	







H		Total RNA_DW		
Name	Well volume [µl]	Total reagent volume [µl]	Type	
-	-	-	-	







A		Elution		
Name	Well volume [µl]	Total reagent volume [µl]	Type	
Elution Buffer	100	-	Reagent	



Dispensed reagents

The protocol does not contain dispensed reagents

Steps data

 Tip1	KingFisher Duo 12 tip comb	
 Pick-Up	Total RNA_DW	(B) - tip
 Bind	Total RNA_DW	(C)
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_1	Total RNA_DW	(D)
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
 Dry 1	Total RNA_DW	(D)
	Dry time	00:05:00
	Tip position	Outside well / tube
 DNase 1	Total RNA_DW	(A)
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	Total RNA_DW	(A)
	Message	Add 550µl Rebinding Buffer to row D
	Dispensing volume [µl]	0

	Rebind	Total RNA_DW	(A)
	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_2	Total RNA_DW	(E)
	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_3	Total RNA_DW	(F)
	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_4	Total RNA_DW	(G)
	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
	Dry 2	Total RNA_DW	(G)
		Dry time	00:05:00
		Tip position	Outside well / tube
	Elution	Elution	(A)
	Beginning of step	Precollect	No
		Release beads	Yes
	Mixing / heating:	Mixing time, speed	00:05:00, Fast
		Heating during mixing	No
	End of step	Postmix	No
		Collect count	5
		Collect time [s]	30
		Post-temperature	No

	Release Beads	Total RNA_DW	(G)
		Release time, speed	00:00:30, Fast
	Leave	Total RNA_DW	(B) - tip

Lot info

No lot numbers have been defined.