

Protocol report

VMRD long program 10min dry

1/4/2023 8:57:21 AM-06:00

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General info

Protocol information

Protocol name	VMRD long program 10min dry
Modified by	Sandra.Clark
Kit name	VMRD Magnetic Bead Extraction
Description	For isolation of either viral RNA/DNA or bacterial DNA from various veterinary sample types. The volume of Binding Buffer has been adjusted to not exceed 1000mL per well

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Sample layout








Reagent info

TipComb		96 standard plate		
Name	Well volume [μl]	Total reagent volume [μl]	Type	
-	-	-	-	
Lysis		96 DW plate		
Name	Well volume [μl]	Total reagent volume [μl]	Type	
Sample	200	-	Sample	
Prot K	20	-	Reagent	
Lysis Buffer SLS or ELS	180	-	Reagent	
Binding Buffer	575	-	Reagent	
Magnetic Beads	20	-	Reagent	
carrier RNA	4	-	Reagent	
Wash 1		96 DW plate		
Name	Well volume [μl]	Total reagent volume [μl]	Type	
Wash Buffer 1	600	-	Reagent	
Wash 2		96 DW plate		
Name	Well volume [μl]	Total reagent volume [μl]	Type	
Wash Buffer 2	600	-	Reagent	
Wash 3 Ethanol 80		96 DW plate		
Name	Well volume [μl]	Total reagent volume [μl]	Type	
Ethanol 80%	600	-	Reagent	
Elution		96 standard plate		
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	96 DW tip comb	
	Pick-Up	TipComb	
	Lysis	Lysis	
	Beginning of step	Precollect	No
		Release beads	No
	Mixing / heating:	Shake 1 time, speed	00:05:00, Slow
		Shake 2 time, speed	00:05:00, Bottom mix
		Heating during mixing	No
	End of step	Postmix	No
		Collect beads	No
	Binding	Lysis	
	Beginning of step	Precollect	No
		Release beads	Yes
	Mixing / heating:	Shake 1 time, speed	00:00:30, Bottom mix
		Shake 2 time, speed	00:00:30, Fast
		Loop count	10
		Heating during mixing	No
	End of step	Postmix	No
		Collect count	3
		Collect time [s]	3
	Wash 1	Wash 1	
	Beginning of step	Precollect	No
		Release time, speed	00:00:05, Fast
	Mixing / heating:	Mixing time, speed	00:01:00, Half mix
		Heating during mixing	No
	End of step	Postmix	No
		Collect count	3
		Collect time [s]	2
	Wash 2	Wash 2	
	Beginning of step	Precollect	No
		Release time, speed	00:00:05, Fast
	Mixing / heating:	Mixing time, speed	00:01:00, Half mix
		Heating during mixing	No
	End of step	Postmix	No
		Collect count	3
		Collect time [s]	2
	Wash 3	Wash 3 Ethanol 80	
	Beginning of step	Precollect	No
		Release beads	Yes
	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

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	Dry1	Wash 3 Ethanol 80	
		Dry time	00:10:00
		Tip position	Outside well / tube
	Elution		Elution
	Beginning of step	Precollect	No
	Mixing / heating:	Release time, speed	00:00:05, Fast
		Mixing time, speed	00:05:00, Medium
		Heating during mixing	No
	End of step	Postmix	No
		Collect count	3
		Collect time [s]	5
	Leave		Wash 3 Ethanol 80

Lot info

No lot numbers have been defined.