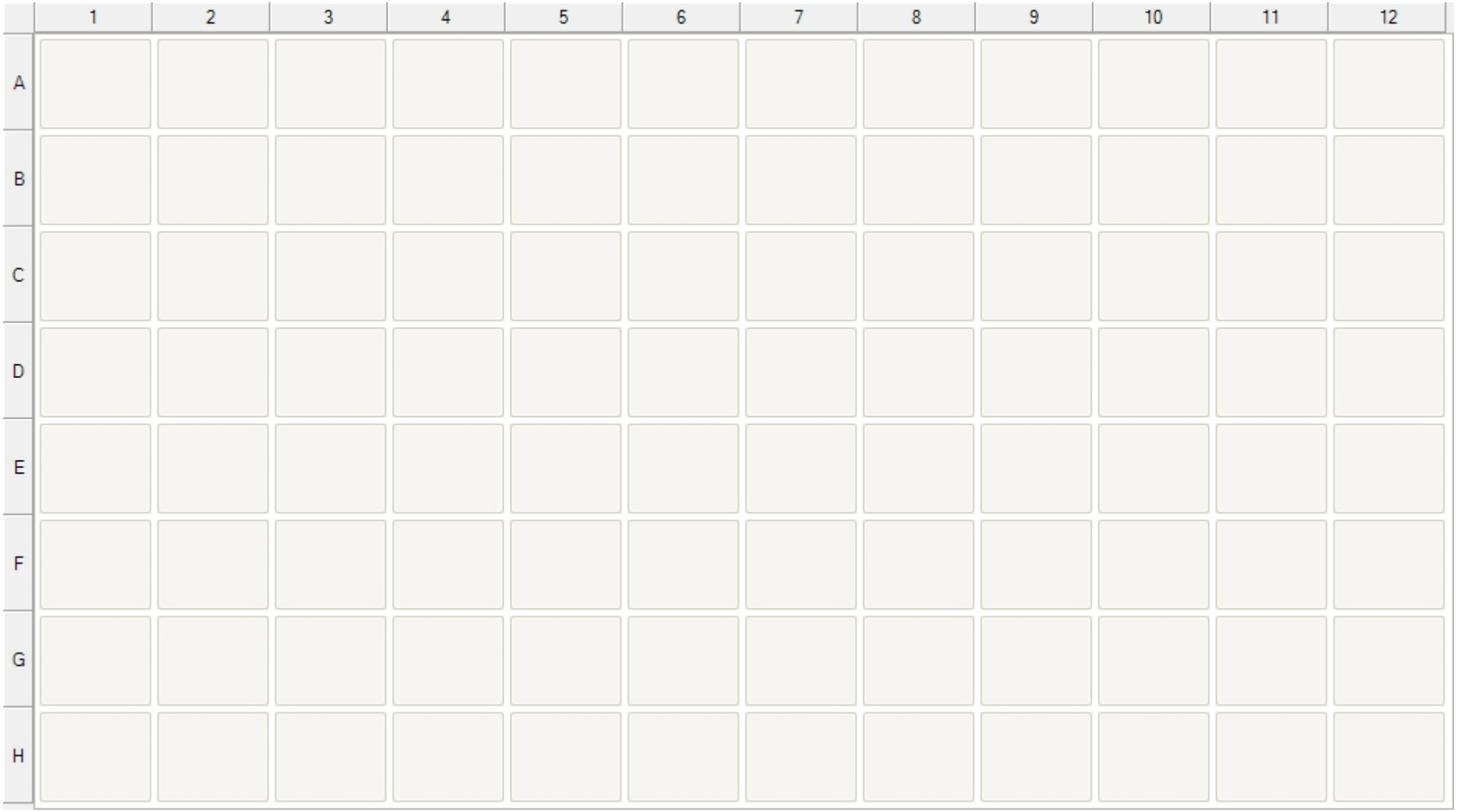
General info

Protocol information

Protocol name	SAX_EVtoKF_KF1_v2
Modified by	chris
Kit name	EV-KF1
Description	KingFisher Flex 96 protocol for particle capture from plasma ending with protein reduction. This is Part 1 of 2. Chris Wu, MacCoss Laboratory, University of Washington

Sample layout



Reagent info

P1 Bead Capture		**96 DW plate**	
Name	**Well volume [µl]**	**Total reagent volume [µl]**	**Type**
Wash Buffer	500	-	Reagent
MagResyn SAX beads	25	-	Reagent

P2 Equilibration		**96 DW plate**	
Name	**Well volume [µl]**	**Total reagent volume [µl]**	**Type**
Wash Buffer	500	-	Reagent

P3 Particle Capture		**96 DW plate**	
Name	**Well volume [µl]**	**Total reagent volume [µl]**	**Type**
1:1 Binding Buffer:Plasma	200	-	Sample

P4 Wash 1		**96 DW plate**	
Name	**Well volume [µl]**	**Total reagent volume [µl]**	**Type**
Wash Buffer	500	-	Reagent

P5 Wash 2		**96 DW plate**	
Name	**Well volume [µl]**	**Total reagent volume [µl]**	**Type**
Wash Buffer	500	-	Reagent

P6 Wash 3		**96 DW plate**	
Name	**Well volume [µl]**	**Total reagent volume [µl]**	**Type**
Wash Buffer	500	-	Reagent

P7 Protein Reduction		**96 DW plate**	
Name	**Well volume [µl]**	**Total reagent volume [µl]**	**Type**
Tris-SDS-Enolase-TCEP	100	-	Reagent

Tip Plate		**96 standard plate**	
Name	**Well volume [µl]**	**Total reagent volume [µl]**	**Type**
-	-	-	-

Dispensed reagents

The protocol does not contain dispensed reagents

Steps data

Tip1		96 DW tip comb	
	Pick-Up	Tip Plate	
	Bind SAX Beads and Equilibrate 1	P1 Bead Capture	
	Beginning of step	Precollect	Yes
		Release beads	No
	Mixing / heating:	Mixing time, speed	00:05:00, Slow
		Heating during mixing	No
	End of step	Postmix time	00:01:00, Slow
		Collect count	5
		Collect time [s]	30
	Equilibrate 2	P2 Equilibration	
	Beginning of step	Precollect	No
		Release time, speed	00:00:30, Slow
	Mixing / heating:	Mixing time, speed	00:05:00, Slow
		Heating during mixing	No
	End of step	Postmix	No
		Collect count	5
		Collect time [s]	30
	Particle Capture	P3 Particle Capture	
	Beginning of step	Precollect	No
		Release time, speed	00:00:30, Bottom mix
	Mixing / heating:	Shake 1 time, speed	00:00:15, Slow
		Shake 2 time, speed	00:02:00, Paused
		Loop count	15
		Tip position when paused	Tip edge in liquid
		Heating during mixing	No
	End of step	Postmix	No
		Collect count	5
		Collect time [s]	30
	Wash 1	P4 Wash 1	
	Beginning of step	Precollect	No
		Release time, speed	00:00:30, Slow
	Mixing / heating:	Mixing time, speed	00:05:00, Slow
		Heating during mixing	No
	End of step	Postmix	No
		Collect count	5
		Collect time [s]	30

	Wash 2	P5 Wash 2	
	Beginning of step	Precollect	No
		Release time, speed	00:00:30, Slow
	Mixing / heating:	Mixing time, speed	00:05:00, Slow
		Heating during mixing	No
	End of step	Postmix	No
		Collect count	5
		Collect time [s]	30
	Wash 3	P6 Wash 3	
	Beginning of step	Precollect	No
		Release time, speed	00:00:30, Slow
	Mixing / heating:	Mixing time, speed	00:05:00, Slow
		Heating during mixing	No
	End of step	Postmix	No
		Collect count	5
		Collect time [s]	30
	Protein Reduction	P7 Protein Reduction	
	Beginning of step	Precollect	No
		Release time, speed	00:00:30, Bottom mix
	Mixing / heating:	Shake 1 time, speed	00:00:15, Medium
		Shake 2 time, speed	00:01:30, Paused
		Loop count	35
		Tip position when paused	Tip edge in liquid
		Heating temperature [°C]	37
		Preheat	Yes
	End of step	Postmix	No
		Collect beads	No
	Leave	Tip Plate	

Lot info

No lot numbers have been defined.