Project description			
Project name		Lab journal	
Project number		Pages	
Date start		Owner	
Date end			
Description			

Sensor chip information						
Sensor chip			**Ligand**			
name	type	date	channel 1	channel 2	channel 3	channel 4

Ligand information			
name	Mw (Da)	stock conc.	stock buffer

Analyte information			
name	Mw (Da)	stock conc.	stock buffer

Other information	
Flow buffer	
Flow rate	
Regeneration solution	

Conclusions

Preconcentration					
Project name		Operator		Date	
Project number		Files		Page	
Lab journal					
Pages					

Ligand information				
	channel 1	channel 2	channel 3	channel 4
Ligand name				
Stock concentration				
Stock solution				
Injection concentration				

Experimental conditions				
Flow buffer				
Flow rate (µl/min)				
Injection volume (µl)				

Preconcentration buffers					
pH		effect	effect	effect	effect
6.0	5 mM malate				
5.5	5 mM malate				
5.0	10 mM acetate				
4.5	10 mM acetate				
4.0	10 mM acetate				
3.5	10 mM formate				
3.0	10 mM formate				

Immobilization					
Project name		Operator		Date	
Project number		Files		Page	
Lab journal					
Pages					

Chip information		**Flow buffer**
Type		10 mM Hepes, 150 mM NaCl, 3.4 mM EDTA, 0.005% P20, pH 7.4
Name		
Lot		
Use before		

	units	channel 1	channel 2	channel 3	channel 4
Ligand information					
Mw	Da				
Iso electric point					
Stock conc.					
Stock solution					

	units	channel 1	channel 2	channel 3	channel 4
Date					
Flow	µl/min				
EDC/NHS	% µl				
Activation	RU				
Immob. buffer					
Ligand conc.					
Ligand volume	µl				
Pre conc.	RU				
Ethanolamine	µl				
Bound ligand	RU				
Abs. response	RU				
Method	*.BLM				
Sensorgram	*.BLR				
Cycle					

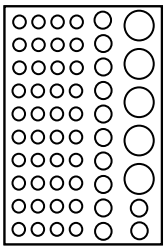
Baseline at begin sensorgram	channel 1	channel 2	channel 3	channel 4

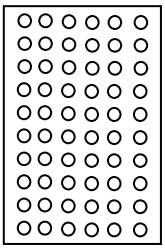
Experiment					
Project name		Operator		Date	
Project number		Files		Page	
Lab journal					
Pages					
Experiment question					

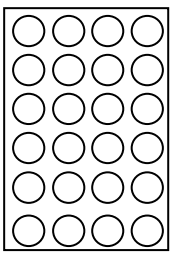
Sensor chip	Flow buffer	Flow (µl/min)
	10 mM Hepes, 150 mM NaCl, 3.4 mM EDTA, 0.005% P20, pH 7.4	

Left
Thermo A, B, C

Right
Thermo A, B, C


Thermo A


Thermo B


Thermo C

Cycle	Channel	Injection				Remarks
nr	nr	nr	vial pos.	vial content	volume	

Conclusions

Experiment					
Project name		Operator		Date	
Project number		Method (*.blm)		Page x of y	
Lab journal		Sensorgram (*.blr)			
Pages		Evaluation (*.ble)		Sensor chip	
Experiment question					

Cycle	Channel	Injection					Response						Remarks
nr	nr	nr	flow	vial pos.	vial content	volume	A/R*	Ch1	Ch2	Ch3	Ch4	baseline	
			(µl/min)			(µl)		(RU)	(RU)	(RU)	(RU)	(yes/no)	
							* A/R: Absolute or Relative response						

Experiment (continued)			
Project name		Date	
Project number		Page x of y	

Cycle	**channel**	**Injection**					**Response**						**Remarks**
nr	**nr**	**nr**	**flow**	**vial pos.**	**vial content**	**volume**	**A/R***	**Ch1**	**Ch2**	**Ch3**	**Ch4**	**baseline**	
			(µl/min)			(µl)		(RU)	(RU)	(RU)	(RU)	(yes/no)	
							* A/R: Absolute or Relative response						

Sensor chip overview: Ligand immobilization

Name	Date	Type	Lot	Use before	Immobilized Ligand (name and response)			
					channel 1	channel 2	channel 3	channel 4

Sensor chip overview - Baseline

Sensor chip:		Absolute response				Relative response				
Experiment	Date	Ch 1	Ch 2	Ch 3	Ch 4	Ch 1	Ch 2	Ch 3	Ch 4	Remarks