



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _ZODIAC-ALIENS

OPERATOR(S) DC+CT+FA

Aliens In port	Aliens Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	BLANK (every 3 sites) 2L of purewater
Aliens In port-1		30L	30 min.	
Aliens In port-2		[] 30L 28 L	30 min.	blank with 100µg
Aliens In port-3		[] 30L 26 L	30 min.	
Aliens entrance	Aliens Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	
Aliens Entrance-1		[] 30L 25 L	30 min.	
Aliens Entrance-2		[] 30L 26 L	30 min.	
Aliens Entrance-3		[] 30L 21 L	30 min.	
Aliens Open water	Aliens Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	
Aliens openW-1		[] 30L 27 L	30 min.	
Aliens openW-2		[] 30L 25 L	30 min.	
Aliens openW-3		[] 30L 25 L	30 min.	

UTC open water
11^h50 58,2545
12^h20 11,4263
Dijting

Add 50 mL of buffer for every samples (except for the blank)

12^h53 entrance
58,2707
11,4411

13^h45 Ark
58,2703
11,4371



Aliens In port	COMMENTS
Aliens In port-1	The 3 sites were done after the 056 Tara station (in the afternoon) from the zodiac.
Aliens In port-2	No more battery in the <u>shaker</u> so the capsules were shaken with the hands power!
Aliens In port-3	For the Open water we were drifting for about 500 meters, in the west direction (outside of the fjord).
Aliens entrance Entrance-1	
Aliens Entrance-2	
Aliens Entrance-3	
Aliens Open water	
Aliens openW-1	
Aliens openW-2	
Aliens openW-3	



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _W-LAB-142-1

OPERATOR(S) Eric

Depth Replicate	S320 Cryo-5mL LN2 #1	S023 Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	S<02 Cryo-5mL FRG +4°C	Filtration Volume (Litres)
Z00 R01 m			[] 20L [] 50L <i>10</i> L	<input checked="" type="checkbox"/> 15' [] 60' min.		[] 10L [] 20L <i>10</i> L
Z00 R02 m			[] 20L [] 50L <i>10</i> L	<input checked="" type="checkbox"/> 15' [] 60' min.		[] 10L [] 20L <i>10</i> L
Z02 R01 m	###-Z02 S320-1	###-Z02 S023	[] 20L [] 50L L	[] 15' [] 60' min.	###-Z02 S<02	[] 10L [] 20L L
Z02 R02 m	###-Z02 S320-2	###-Z02 S023-2	[] 20L [] 50L L	[] 15' [] 60' min.	###-Z02 S<02-2	[] 10L [] 20L L
Depth Replicate	P320 Cryo-5mL LN2 #1	P023 Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	< 0.2 µm	
Z00 m			[] 20L [] 50L <i>20</i> L	[] 15' <input checked="" type="checkbox"/> 60' min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
Z02 m	###-Z02 P320	###-Z02 P023	[] 20L [] 50L L	[] 15' [] 60' min.		
Depth Replicate	S320-L 15mL falcon -20°C + 10 mL Nucleoprotect	S023-L 15mL falcon -20°C + 10 mL Nucleoprotect	Filtration Volume (Litres)	Filtration Duration (minutes)		
Z00 m			[] 20L [] 50L <i>20</i> L	[] 15' <input checked="" type="checkbox"/> 60 min.		
Z02 m	###-Z02 S320-L	###-Z02 S023-L	[] 20L [] 50L L	[] 15' [] 60 min.		



Depth Replicate	COMMENTS S###
Z00 R01 m	
Z00 R02 m	
Z02 R01 m	
Z02 R02 m	
Depth	COMMENTS P###
Z00 m	2x filters
Z02 m	
Depth	COMMENTS S###L
Z00 m	2x filters
Z02 m	



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _DECK-BGC

OPERATOR(S) T.S.

Depth	TOC Vial-40mL FRG +4°C	TOC Vial-40mL FRG +4°C	TOC Vial-40mL FRG +4°C	DICTA Bottle-500mL RT >10°C	SAL Bottle-125mL RT >10°C
Z00 m					###-Z00 SAL
Z02 m	###-Z02 TOC-1	###-Z02 TOC-2	###-Z02 TOC-3	###-Z02 DICTA	###-Z02 SAL
	+ 150 µl HCl			+ 300 µl HgCl ₂	
Depth	CDOM/FDOM Bottle-60mL FRG +4°C	DOC Vial-40mL FRG +4°C	NUT Bottle-60mL FRZ -20°C		
Z00 R01 m					
Z00 R02 m					
Z00 R03 m					
Z02 R01 m	###-Z02 DOM-1	###-Z02 DOC-1	###-Z02 NUT-1		
Z02 R02 m	##-Z02 DOM-2	###-Z02 DOC-2	###-Z02 NUT-2		
Z02 R03 m	##-Z02 DOM-3	###-Z02 DOC-3	###-Z02 NUT-3		
	+ 150 µl HCl				



Depth	COMMENTS TOC	COMMENTS DICTA	COMMENTS SAL
Z00 m			
Z02 m			
Depth Replicate	COMMENTS CDOM/FDOM	COMMENTS DOC	COMMENTS NUT
Z00 R01 m			
Z00 R02 m			
Z00 R03 m			
Z02 R01 m			
Z02 R02 m			
Z02 R03 m			



LCMS

Depth		COMMENTS
Z00	R01 m	
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z00	R05 m	
Z00	m	

Accidentally put pH2 H₂O on the HLB while rinsing/cleaning
 → cleaned with the cartridges still attached



LOG_SAMPLES_ YYYY MM DD # # # #
 2023 08 01 _STATION- 0 5 6 _W-LAB-142-SS-2
 OPERATOR(S) T.S.

Depth Replicate	MB320 50mL-Falcon FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)	MB033 50mL-Falcon FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)
Z00 R01 m		[] 16L 27 L	[] 30 min.		[] 16L 21 L	[] 30 min.
Z00 R02 m		[] 16L 16 L	[] 30 min.		[] 16L 16 L	[] 30 min.
Z00 m		[] 16L 0,25 L	[] 30 min.		[] 16L 0,25 L	[] 30 min.
Z02 R01 m	###-Z02 MB320-SS-1	[] 16L L	[] 30 min.	###-Z02 MB033-SS-1	[] 16L L	[] 30 min.
Z02 R02 m	###-Z02 MB320-SS-2	[] 16L L	[] 30 min.	###-Z02 MB033-SS-2	[] 16L L	[] 30 min.
Z02 m	###-Z02 MB320-H2O	[] 16L L	[] 30 min.	###-Z02 MB033-H2O	[] 16L L	[] 30 min.

COMMENTS



Depth Replicate	COMMENTS MB320-SS	COMMENTS MB033-SS
Z00 R01 m		
Z00 R02 m		
Z00 R03 m		
Z02 R01 m		
Z02 R02 m		
Z02 R03 m		
Depth	COMMENTS LCMS	
Z00 m		
Z02 m		
	The Blank Filters <u>might</u> have been mixed up, but might not	



YYYY MM DD # # #
 LOG_SAMPLES_ 2023 08 01 _STATION- 0 5 6 _S-LAB-OTHER
 OPERATOR(S) NB

Depth Replicates		HC Cryo-5mL LN2 #1	HC-G Cryo-5mL LN2 #1	CP-G Cryo-5mL LN2 #1	SG Cryo-5mL LN2 #1	FC-P Cryo-2mL LN2 #3	FC-G Cryo-2mL LN2 #3
Z00	R01 m						
Z00	R02 m						
Z00	R03 m				Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at -20°C
Z00	R04 m			Glycerol prealiquot - RT			
Z00	R05 m				DGAS* 12 mL exetainer +4°C	DGAS* 12 mL exetainer +4°C	DGAS* 12 mL exetainer +4°C
Z00	R06 m				###-Z00 DGAS-1	###-Z00 DGAS-4	###-Z00 DGAS-7
Z00	R07 m				###-Z00 DGAS-2	###-Z00 DGAS-5	###-Z00 DGAS-8
Z00	R08 m				###-Z00 DGAS-3	###-Z00 DGAS-6	###-Z00 DGAS-9
Prealiquot		No prealiquot	Glycerol prealiquot - RT		* + 100 µL ZnCl ₂	* + 100 µL ZnCl ₂	* + 100 µL ZnCl ₂
Depth Replicate		eDNA Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	+ 50 mL of buffer	< 0.45 µm	
Z00	m		[] 30L <u>25</u> L	[] 30 <u>30</u> min.	=> Collect filtrate for SS protocol onland : V<0.45		
Z02	m	###-Z02 eDNA	[] 30L	[] 30 min.			



Depth Replicate		COMMENTS
Z00	R01 m	
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z00	R05 m	
Z00	R06 m	
Z00	R07 m	
Z00	R08 m	



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-DECKNET-5
 OPERATOR(S)

2023 08 01 056
 KB

Depth	DECKNET Volume (Litres)	Time start FILLING ###:##	Time end NET OUT ###:##	SG5-1* Cryo-5mL LN2	SG5-2* Cryo-5mL LN2
Z00 m	[] 100 L 60 L	06:30	08:00		
Z02 m	[] 100 L	:	:	### Z02 SG5-1	### Z02 SG5-2
* Glycine-betaine pre-aliquot at 4°C					
Depth	FM5-1* Falcon-50mL FRG +4°C	FM5-2* Falcon-50mL FRG +4°C	Decknet in 250 mL instead of 300 mL		
Z00 m					
Z02 m	### Z02 FM5-1	### Z02 FM5-2			
*pre-aliquoted 5 mL PFA/GLUT stored at -20°C					



Depth		COMMENTS SG5
Z00	R01	
	m	
Z00	R02	
	m	
Depth		COMMENTS FM5
Z00	R01	
	m	
Z00	R02	
	m	




LOG_SAMPLES_ **2023** **08** **01** _STATION- **0** **5** **6** _S-LAB-25-1

OPERATOR(S) **Clara**

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00 m	1. 1.25 2. 1.27 3. 1.22		###-Z00 PM-CTRL	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:	
Z02 m	1. 2. 3.		TRIPPLICATES ONCE A MONTH FOR HP	HP Cryo-2mL LN2 #2	Filtration Volume (mL)	Filtration Duration (minutes)
Depth	PA Petridish FRZ -20°C	Filtration Volume (mL)	Z00 R01 m	 112498153	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	<input type="checkbox"/> 30' <input type="checkbox"/> 40' max 9 min
Z00 m	 112558849	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	Z00 R02 m	###-Z00 HP-2	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	<input type="checkbox"/> 30' <input type="checkbox"/> 40' max min
Z02 m	###-Z02 PA	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	Z00 R03 m	###-Z00 HP-3	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	<input type="checkbox"/> 30' <input type="checkbox"/> 40' max min
Depth	PM Petridish FRZ -20°C	Filtration Volume (mL)	N° filtre + weight (mg)	FOI Petridish FRZ -20°C	Filtration Volume (mL)	N° filtre + weight (mg)
Z00 R01 m	 112558843	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: TR 211 Weight: 36,777	 112558846	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: TR 189 Weight: 37,584
Z00 R02 m	 112558844	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: TR 214 Weight: 36,295	 112558847	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: TR 209 Weight: 36,997
Z00 R03 m	 112558845	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: TR 178 Weight: 37,855	 112558848	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: TR 09 Weight: 37,206
Z02 R01 m	###-Z02 PM-1	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:	###-Z02 FOI-1	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:
Z02 R02 m	###-Z02 PM-2	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:	###-Z02 FOI-2	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:
Z02 R03 m	###-Z02 PM-3	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:	###-Z02 FOI-3	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:



Depth Replicate	COMMENTS PM	COMMENTS FOI
Z00 R01 m		
Z00 R02 m		
Z00 R03 m		
Z02 R01 m		
Z02 R02 m		
Z02 R03 m		
Depth Replicate	COMMENTS PA - HP	
Z00 m		
Z02 m		


 YYYY MM DD # # #
 LOG-SAMPLES_ **2023 08 01** _STATION- **0 5 6** _S-LAB-NET-20
 OPERATOR(S) **Clara**

Net 20 µm				<input type="checkbox"/> Decknet <input type="checkbox"/> Deployed at sea		
SAMPLE SPLITTING	# of cod-ends <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2	Total volume <input checked="" type="checkbox"/> 1600 mL	Aliquots vol. <input type="checkbox"/> 200 mL			
PROTOCOLS	Barcode	Fraction of total volume	Aliquot Volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
<input checked="" type="radio"/> S20 Cryo-5mL LN2 #1		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL 105mL <input type="checkbox"/> 15 mn		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL 95mL <input checked="" type="checkbox"/> 15 mn
FCAM20 Bottle-250mL LIVE		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL			
E20 Falcon-15mL + 15mL ETOH FRZ -20°C		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL 205mL			
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL 150mL <input type="checkbox"/> 15 mn			
MB20 Vial-4mL FRZ -20°C		<input type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL			
FM20 Falcon-50mL FRG +4°C Prealiquoted PFA+GLUTA store at -20°C		<input checked="" type="checkbox"/> 45 mL			<input checked="" type="checkbox"/> 45 mL	



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
S20 Cryo-5mL LN2 #1		
FCAM20 Bottle-250mL LIVE		
E20 Falcon-15mL FRZ -20°C		
S20-L Falcon-5mL FRZ -20°C		
MB20 Vial-4mL FRZ -20°C		
FM20 Falcon-50mL FRG +4°C		



LOG-SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-NET-200

OPERATOR(S) Clara

Horizontal
WP11-200

SAMPLE
SPLITTING

COD-END #1

PROTOCOLS

Barcode

Aliquot
Volume (mL)

*I got rid from salps
using the 2mm mesh.*

F200
Bottle-250mL
+
borax/formol
RT >10°C



[] 250 mL

SAMPLE
SPLITTING

COD-END #2

Total volume
~~1600~~ 1600 mL

Aliquots vol.
[] 200 mL

PROTOCOLS

Barcode

Fraction of
total volume

Aliquot
Volume (mL)

Barcode

Fraction of
total volume

Aliquot
Volume (mL)

S200
Cryo-5mL
LN2 #1



[] 1/8

[] 200 mL
30mL
 15 mn



[] 1/8

[] 200 mL
30mL
[] 15 mn *20min*

S200-L
Falcon-5mL
FRZ -20°C
+ 5mL Nucleo



[] 1/8

[] 200 mL
40mL
[] 15 mn



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
F200 Bottle-250mL RT >10°C		
SAMPLE SPLITTING		
PROTOCOLS		
S200 Cryo-5mL LN2 #1		short in time so could not rinse tulip properly
S200-L Falcon-5mL FRZ -20°C	ran a second filtration because first one (50mL) was taking too long	sample left at room temp. for 3h after station :-



LOG-SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-NET-680

OPERATOR(S) Clara

Régent 680						
SAMPLE SPLITTING	NET TOW #1			NET TOW #2		
	Total volume [] 1600 mL			Total volume [] 1600 mL		
PROTOCOLS	Barcode		Bottle volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
F680 Bottle-250mL RT >10°C + Borax/Formol			[] 250 mL			
F2000 Bottle-250mL RT >10°C + borax/formol	### EPI F2000	hand-picked #ind=	[] 250 mL			
S680-L Falcon-5mL FRZ -20°C + 5mL Nucleoprotect						[] 200 mL [] 400 mL [] 600 mL [] 800 mL 100mL [] 15 mn

ONLY ONE NET TODAY CAUSE TOO MANY SALPS. I TOOK THE SAMPLE FROM NET 1 FROM 1,6 L -> 90mL in the 250mL Red CAP BOTTLE

