



LOG-SAMPLES_ YYYY MM DD # # # _STATION- _S-LAB-NET-680
2023 04 14 0 0 7
 OPERATOR(S) M. G.

Régent 680

SAMPLE SPLITTING	NET TOW #1			NET TOW #2		
	Total volume [•] 1600 mL			Total volume [•] 1600 mL		
PROTOCOLS	Barcode	Fraction of total volume	Aliquot Volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
F680 Bottle-250mL RT >10°C + Borax/Formol	 112559696	<input type="checkbox"/> 50 % <input checked="" type="checkbox"/> 100 %	[] 800 mL [•] 250 mL			
F2000 Bottle-250mL RT >10°C + borax/formol	### EPI F2000	hand-picked #ind=	<input type="checkbox"/> 250 mL			
S680-L Falcon-5mL FRZ -20°C + 5mL Nucleoprotect				 112559695	<input type="checkbox"/> 50 % <input checked="" type="checkbox"/> 100 %	<input type="checkbox"/> 200 mL <input type="checkbox"/> 400 mL <input type="checkbox"/> 600 mL <input type="checkbox"/> 800 mL [•] 64 mL <input checked="" type="checkbox"/> 15 mn



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
F680 Bottle-250mL RT >10°C		
F2000 Bottle-250mL RT >10°C		
S680-L Falcon-5mL FRZ -20°C		



YYYY MM DD # # #
 LOG_SAMPLES_ 2023 04 14 _STATION- 007 _W-LAB-142-1
 OPERATOR(S) Julie Poulain

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 14 L	[] 15' [] 60' 15 min.		[] 10L [] 20L 14 L
Z00 R02 m			[] 20L [] 50L 13 L	[] 15' [] 60' 15 min.		[] 10L [] 20L 13 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 27 L	[] 15' [] 60' 43 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 27 L	[] 15' [] 60' 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	<i>stopped at 47 m because filter clogged</i>
Z02 m	
Depth	COMMENTS S###L
Z00 m	
Z02 m	



LOG_SAMPLES_ **2023 04 14** _STATION- **0 0 7** _W-LAB-EDNA

OPERATOR(S) **ERWAN LEGEAY**

Depth Replicate	eDNA Watara capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	< 0.45 μm
Z00 m		X ³⁰ L	[] 30 min.	=> Collect filtrate for SS protocol onland : V<0.45
Z02 m	###-Z02 eDNA	[] 30 L	[] 30 min.	
	+ 50 mL of buffer			



Depth Replicate	COMMENTS eDNA
Z00 m	
Z02 m	



YYYY MM DD # # #
 LOG_SAMPLES_ **2023 04 14** _STATION- **0 0 7** _DECK-BGC
 OPERATOR(S) **JUF**

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 HgCl₂	
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			



YYYY MM DD # # #
 LOG_SAMPLES_ 2023 04 14 _STATION- 0 0 7 _TARDIS-SCP
 OPERATOR(S) JUF

Depth	PPL Falcon-50mL FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)	HLB Falcon-50mL FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)
Z00 R01 m		[] 1L X 2L L	[] 60' [] 120' 140 min.		[] 1L X 2L L	[] 60' [] 120' 140 min.
Z00 R02 m		[] 1L X 2L L	[] 60' [] 120' 140 min.		[] 1L X 2L L	[] 60' [] 120' 140 min.
Z00 R03 m		[] 1L X 2L L	[] 60' [] 120' 140 min.		[] 1L X 2L L	[] 60' [] 120' 140 min.
Z00 R04 m		[] 1L X 2L L	[] 60' [] 120' 140 min.		[] 1L X 2L L	[] 60' [] 120' 140 min.
Z02 R01 m	###-Z02 PPL-1	[] 1L [] 2L L	[] 60' [] 120' min.	###-Z02 HLB-1	[] 1L [] 2L L	[] 60' [] 120' min.
Z02 R02 m	###-Z02 PPL-2	[] 1L [] 2L L	[] 60' [] 120' min.	###-Z02 HLB-2	[] 1L [] 2L L	[] 60' [] 120' min.
Z02 R03 m	###-Z02 PPL-3	[] 1L [] 2L L	[] 60' [] 120' min.	###-Z02 HLB-3	[] 1L [] 2L L	[] 60' [] 120' min.
Z02 R04 m	###-Z02 PPL-4	[] 1L [] 2L L	[] 60' [] 120' min.	###-Z02 HLB-4	[] 1L [] 2L L	[] 60' [] 120' min.



Depth		COMMENTS PPL	COMMENTS HLB
Z00	R01 m		
Z00	R02 m		
Z00	R03 m		
Z00	R04 m	→ MilliQ from onboard system PH2	→ MilliQ neutral from onboard system
Z02	R01 m		
Z02	R02 m		
Z02	R03 m		
Z02	R04 m		



LOG_SAMPLES_ **2023** **04** **14** **_STATION-** **0** **0** **7** **_W-LAB-142-2**
 OPERATOR(S) **JUF**

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 m		X 16L L	11:30 50 min.		[] 16L L	[] 30 min.
Z02 m	###-Z02 MB320	[] 16L L	[] 30 min.	###-Z02 MB033	[] 16L L	[] 30 min.

MB320 had a hole in the middle

Tubing had a leak, repair took some time



LOG_SAMPLES_ **2023 04 14** _STATION- **0 0 7** _S-LAB-OTHER

OPERATOR(S) **ERWAN LEGRAY**

Depth	Replicates	SG Cryo-5mL LN2 #1	HC Cryo-5mL LN2 #1	HC-G Cryo-5mL LN2 #1	CP-G 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						
Z00	R04 m						
Z00	R05 m						
Z00	R06 m						
Z00	R07 m						
Z00	R08 m						
Prealiquot		Glycine-betaine prealiquot at 4°C	No prealiquot	Glycerol prealiquot - RT	Glycerol prealiquot - RT	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at -20°C



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_ **2023 04 14** _STATION- **0 0 7** _S-LAB-DECKNET-5

OPERATOR(S) **ERWAN LEGEAÏ**

Depth	DECKNET Volume (Litres)	Time start FILLING ##:##	Time end NET OUT ##:##	SG5-1* Cryo-5mL LN2	SG5-2* Cryo-5mL LN2
Z00 m	X 100 L 100 L	09 : 33	09 : 54	112493329	112493330
Z02 m	[] 100 L	:	:	### Z02 SG5-1	### Z02 SG5-2

Depth	FM5-1* Falcon-50mL FRG +4°C	FM5-2* Falcon-50mL FRG +4°C
Z00 m	112493331	112493332
Z02 m	### Z02 FM5-1	### Z02 FM5-2

*pre-aliquoted 5 mL PFA/GLUT
store at -20°C

* pre-aliquoted Glycine betaine
store at 4°C



Depth	COMMENTS SG5
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Z00	R01
	m

Z00	R02
	m

Depth	COMMENTS FM5
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Z00	R01
	m

Z00	R02
	m



LOG_SAMPLES_ 2023 04 14 _STATION- 0 0 7 _S-LAB-25-1

OPERATOR(S) | M. G.

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00 m	1. <u>0,96</u> 2. <u>1,06</u> 3. <u>0,93</u>		###-Z00 PM-CTRL	[] 150* [] 250* [] 635 [] 1080 [] 2270	N°: Weight:	
Z02 m	1. 2. 3.		###-Z02 PM-CTRL	[] 150* [] 250* [] 635 [] 1080 [] 2270	N°: Weight:	
Depth	PA Petridish FRZ -20°C	Filtration Volume (mL)				
Z00 m		[] 150* [] 250* [] 635 <input checked="" type="checkbox"/> 1080 [] 2270 <u>7990</u>				
Z02 m	###-Z02 PA	[] 150* [] 250* [] 635 [] 1080 [] 2270				
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		[] 150* [] 250* <input checked="" type="checkbox"/> 635 [] 1080 [] 2270	N°: <u>TA512</u> Weight: <u>38,937</u>		[] 150* [] 250* <input checked="" type="checkbox"/> 635 [] 1080 [] 2270	N°: <u>TR51</u> Weight: <u>37,422</u>
Z00 R02 m		[] 150* [] 250* <input checked="" type="checkbox"/> 635 [] 1080 [] 2270	N°: <u>PA582</u> Weight: <u>37,734</u>		[] 150* [] 250* <input checked="" type="checkbox"/> 635 [] 1080 [] 2270	N°: <u>PA664</u> Weight: <u>37,366</u>
Z00 R03 m		[] 150* [] 250* <input checked="" type="checkbox"/> 635 [] 1080 [] 2270	N°: <u>PA656</u> Weight: <u>37,990</u>		[] 150* [] 250* <input checked="" type="checkbox"/> 635 [] 1080 [] 2270	N°: <u>TR82</u> Weight: <u>37,348</u>
Z02 R01 m	###-Z02 PM-1	[] 150* [] 250* [] 635 [] 1080 [] 2270	N°: Weight:	###-Z02 FOI-1	[] 150* [] 250* [] 635 [] 1080 [] 2270	N°: Weight:
Z02 R02 m	###-Z02 PM-2	[] 150* [] 250* [] 635 [] 1080 [] 2270	N°: Weight:	###-Z02 FOI-2	[] 150* [] 250* [] 635 [] 1080 [] 2270	N°: Weight:
Z02 R03 m	###-Z02 PM-3	[] 150* [] 250* [] 635 [] 1080 [] 2270	N°: Weight:	###-Z02 FOI-3	[] 150* [] 250* [] 635 [] 1080 [] 2270	N°: Weight:



Depth Replicate	COMMENTS PM	COMMENTS FOI
Z00 R01 m	<i>weak turbidity but we could not filter more than 1L</i>	
Z00 R02 m		
Z00 R03 m		
Z02 R01 m		
Z02 R02 m		
Z02 R03 m		
Depth Replicate	COMMENTS PA	
Z00 m	<i>Filter started to clogged . filtration was stopped before the end .</i>	
Z02 m		



LOG_SAMPLES_ 2023 04 14 _STATION- 0 0 7 _S-LAB-25-2

OPERATOR(S) M.G.

Depth	HP Cryo-2mL LN2 #2	Filtration Volume (mL)	Filtration Duration (minutes)			
Z00 R01 m		[] 150* [] 250* [] 635 <input checked="" type="checkbox"/> 1080 [] 2270	[] 30' [] 40' max 21'30' min			
Z00 R02 m	###-Z00 HP-2	[] 150* [] 250* [] 635 [] 1080 [] 2270	[] 30' [] 40' max min			
Z00 R03 m	###-Z00 HP-3	[] 150* [] 250* [] 635 [] 1080 [] 2270	[] 30' [] 40' max min			
Z02 R01 m	###-Z02 HP-1	[] 150* [] 250* [] 635 [] 1080 [] 2270	[] 30' [] 40' max min			
Z02 R02 m	###-Z02 HP-2	[] 150* [] 250* [] 635 [] 1080 [] 2270	[] 30' [] 40' max min			
Z02 R03 m	###-Z02 HP-3	[] 150* [] 250* [] 635 [] 1080 [] 2270	[] 30' [] 40' max min			
TRIPPLICATES ONCE A MONTH						



Depth Replicate	COMMENTS HP
Z00 R01 m	
Z00 R02 m	
Z00 R03 m	
Z02 R01 m	
Z02 R02 m	
Z02 R03 m	



LOG-SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-NET-20

OPERATOR(S) M.G.

		Net 20 μ m				
				<input checked="" 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 checked="" 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 checked="" type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL <input checked="" type="checkbox"/> 30 mL <input checked="" type="checkbox"/> 15 mn		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL <input checked="" type="checkbox"/> 30 mL <input checked="" type="checkbox"/> 15 mn
FCAM20 Bottle-250mL LIVE		<input checked="" type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL			
E20 Falcon-15mL + 15mL ETOH FRZ -20°C		<input checked="" type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL <input checked="" type="checkbox"/> 50 mL			
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect		<input checked="" type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL <input checked="" type="checkbox"/> 30 mL <input checked="" type="checkbox"/> 15 mn			
MB20 Vial-4mL FRZ -20°C		<input checked="" type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL <input checked="" type="checkbox"/> 30 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

2023 04 14 0 0 7

OPERATOR(S) M.G.

Horizontal
WP11-200

SAMPLE
SPLITTING

COD-END #1

PROTOCOLS

Barcode

Fraction of
total volume

Aliquot
Volume (mL)

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



112559693

[•] 1 (100%)

[•] 250 mL

SAMPLE
SPLITTING

COD-END #2

Total volume
[•] 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



112493387

[•] 1/8

[] 200 mL
[•] 60 mL
[•] 15 mn



112493388

[•] 1/8

[] 200 mL
[•] 58 mL
[•] 15 mn

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



112559694

[•] 1/8

[] 200 mL
[•] 68 mL
[•] 15 mn



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
F200 Bottle-250mL RT >10°C		
SAMPLE SPLITTING		
PROTOCOLS		
S200 Cryo-5mL LN2 #1		
S200-L Falcon-5mL FRZ -20°C		