



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

OPERATOR(S) Julie Paulain

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 15 L	[] 15' [] 60' 15 min.		[] 10L [] 20L 15 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 L	[] 15' [] 60' min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
Z02 m	###-Z02 P320	###-Z02 P023	[] 20L [] 50L 40 L	[] 15' [] 60' 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 45 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	
Z02		
	m	
Depth		COMMENTS S###L
Z00		
	m	
Z02		
	m	



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

OPERATOR(S)

2023 10 10 090

MH

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						
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			



YYYY MM DD # # #
 LOG_SAMPLES_ 2023 10 10 _STATION- 090 _W-LAB-142-SS-2
 OPERATOR(S) MH

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 L	[●] 30 min.		[●] 16L L	[●] 30 min.
Z00 R02 m		[●] 16L L	[●] 30 min.		[●] 16L L	[●] 30 min.
Z00 m		[X] 16L 4L L	[] 30 ~10 min.		[X] 16L 4L L	[] 30 ~10 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	<i>I used 4L instead of 250 mL MQ water for the blank</i>	
	m		
Z00	R02		
	m		
Z00	R03		
	m		
Z02	R01		
	m		
Z02	R02		
	m		
Z02	R03		
	m		
Depth	COMMENTS LCMS		
Z00			
	m		
Z02			
	m		



LOG_SAMPLES_
 _STATION-
 _TARDIS-SCP-SS

OPERATOR(S)

LCMS

Depth	PPL WhirlPack FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)	HLB<0.3 Falcon-50mL FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)
Z00 R01 m		[] 1L [x] 2L L	[] 60' [] 120' ≈ 3h min.		[] 1L [x] 2L L	[] 60' [] 120' / min.
Z00 R02 m		[] 1L [x] 2L L	[] 60' [] 120' ≈ 3h min.		[] 1L [x] 2L L	[] 60' [] 120' / min.
Z00 R03 m		[] 1L [x] 2L L	[] 60' [] 120' ≈ 3h min.		[] 1L [x] 2L L	[] 60' [] 120' / min.
Z00 R04 m		[] 1L [x] 2L L	[] 60' [] 120' ≈ 3h min.		[] 1L [x] 2L L	[] 60' [] 120' / min.
Z00 R05 m		[] 1L [x] 2L L	[] 60' [] 120' ≈ 3h min.			
Z00 m		[] 1L [x] 2L L	[] 60' [] 120' ≈ 3h min.			



LCMS

Depth		COMMENTS
Z00	R01 m	<i>I used 2L MA water instead of LCMS water because we didn't have anything in stock</i>
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z00	R05 m	
Z00	m	



LOG_SAMPLES_ **2023** **10** **10** _STATION- **090** _S-LAB-OTHER
 OPERATOR(S) **SC**

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	112499076	112499116	112499195	112506737	112506739	112506741
Z00 R02 m	112499077	112499117	112499196	112506738	112506740	112506742
Z00 R03 m	112499078	112499118	112499197	Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at -20°C
Z00 R04 m	112499079	112499119	Glycerol prealiquot - RT			
Z00 R05 m	112499080	112499120		DGAS* 12 mL extainer +4°C	DGAS* 12 mL extainer +4°C	DGAS* 12 mL extainer +4°C
Z00 R06 m	112499081	112499121		112507106	112507109	112507112
Z00 R07 m	112499082	112499122		112507107	112507110	112507113
Z00 R08 m	112499083	112499123		112507108	112507111	112507114
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	112555750	<input checked="" type="checkbox"/> 30L L	[] 30 32 min.	=> Collect filtrate for SS protocol onland : V<0.45		
Z02 m	###-Z02 eDNA	[] 30L L	[] 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_ 2023 10 10 _STATION- 0 9 0 _S-LAB-25-1

OPERATOR(S) | S Z |

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00 m	1. 0.71 2. 0.57 3. 0.82		###-Z00 PM-CTRL	mL	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	 112499021	2160 mL	X 30' [] 40' max 19 min
Z00 m	 112555612	2160 mL	Z00 R02 m	###-Z00 HP-2	mL	[] 30' [] 40' max min
Z02 m	###-Z02 PA	mL	Z00 R03 m	###-Z00 HP-3	mL	[] 30' [] 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	 112555613	2160 mL	N°: XX347 Weight: 36,814	 112555616	2160 mL	N°: XX339 Weight: 37,226
Z00 R02 m	 112555614	1080 mL	N°: XX403 Weight: 36,356	 112555617	1080 mL	N°: XX335 Weight: 36,828
Z00 R03 m	 112555615	1080 mL	N°: XX053 Weight: 36,983	 112555618	1080 mL	N°: XX367 Weight: 36,672
Z02 R01 m	###-Z02 PM-1	mL	N°: Weight:	###-Z02 FOI-1	mL	N°: Weight:
Z02 R02 m	###-Z02 PM-2	mL	N°: Weight:	###-Z02 FOI-2	mL	N°: Weight:
Z02 R03 m	###-Z02 PM-3	mL	N°: Weight:	###-Z02 FOI-3	mL	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		



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

OPERATOR(S) SZ

		Net 20 µm		<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 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 <i>gone</i> <input checked="" type="checkbox"/> 15 mn		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL <i>gone</i> <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 checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL			
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL <i>gone</i> <input checked="" type="checkbox"/> 15 mn			
MB20 Vial-4mL FRZ -20°C		<input checked="" 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
 2023 10 10 0 9 0
 OPERATOR(S) 87

Horizontal
WPII-200

SAMPLE
SPLITTING

COD-END #1

PROTOCOLS

Barcode

Fraction of
total volume

Aliquot
Volume (mL)

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



[] 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



[] 1/8

[] 200 mL
70 mL
 15 mn



[] 1/8

[] 200 mL
70 mL
 15 mn

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



[] 1/8

[] 200 mL
80 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		



LOG-SAMPLES_
 _STATION- _S-LAB-NET-680

OPERATOR(S)

Régent 680

SAMPLE SPLITTING	NET TOW #1			NET TOW #2		
	Total volume [] 1600 mL			Total volume [] 1600 mL		
PROTOCOLS	Barcode	Fraction of total volume	Bottle volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
F680 Bottle-250mL RT >10°C + Borax/Formol	 112555638	<input type="checkbox"/> 50 % <input type="checkbox"/> 100 %	<input type="checkbox"/> 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				 112555639	<input type="checkbox"/> 50 % <input type="checkbox"/> 100 %	<input type="checkbox"/> 60 mL <input 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		