



LOG_SAMPLES_	YYYY	MM	DD	#	#	#
	2023	10	10	-STATION-	0	90
OPERATOR(S)	Julie Pauloin			W-LAB-142-1		

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	112499058	112499059	[] 20L [] 50L 14 L	[] 15' [] 60' 15 min.	112507115	[] 10L [] 20L 14 L
Z00 R02 m	112499060	112499061	[] 20L [] 50L 15 L	[] 15' [] 60' 15 min.	112507116	[] 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	112499062	112499063	[] 20L [] 50L L	[] 15' [] 60' min.	=> Collect filtrate for SS protocols on land : 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	112555654	112555655	[] 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
Z00	R01	S###
	m	
Z00	R02	
	m	
Z02	R01	
	m	
Z02	R02	
	m	
Depth		COMMENTS
Z00		P###
	m	
Z02		
	m	
Depth		COMMENTS
Z00		S###L
	m	
Z02		
	m	



LOG_SAMPLES_	YYYY	MM	DD	#	#	#
LOG_SAMPLES_	2023	10	10	_STATION-	0	90
OPERATOR(S)	Julie Poulain					
_W-LAB-142-SS-1						

Depth Replicate	S02-2K Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)			
ZOO R01 m	 112499064	[] 15L [] 50L 12 L	[] 15' [] 60' 10'12 min.			
ZOO R02 m	 112499065	[] 15L [] 50L 14 L	[] 15' [] 60' 11'21 min.			

⚠ mistake for
80 L : Collect filtrate for SS protocols on land :
VV<0.2, qPCR<0.2
label on tube →

Depth Replicate	< 3 µm					
ZOO m	For onland protocols					

50 L : Collect filtrate for SS protocols on land :
VV<3, RBM<3, VV<3, VV<3bis



Depth Replicate	COMMENTS
ZOO R01 m	Not 112499064 but → 112499074 Not 112499064 but → 112499075 Label is wrong: It's SC02-1 but it's SC02-1 S02-2K-1 SC02-2 S02-2K-2
ZOO R02 m	

Depth Replicate	COMMENTS
ZOO m	< 3 µm



LOG_SAMPLES_	YYYY	MM	DD	#	#	#		
	2023	10	10	_STATION-	0	9	0	_DECK-BGC
OPERATOR(S)	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	112555698	112555699	112555700		112555789	112555802
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	112555743	112555713	112555728			
Z00 R02 m	112555744	112555714	112555729			
Z00 R03 m	112555745	112555715	112555730			
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
Depth Replicate	Comments CDOM/FDOM	Comments DOC	Comments NUT	
Z00 m				
Z02 m				
Z00 R01 m				
Z00 R02 m				
Z00 R03 m				
Z02 R01 m				
Z02 R02 m				
Z02 R03 m				



LOG_SAMPLES_	YYYY	MM	DD	#	#	#
	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	 112555668	[] 16L L	[] 30 min.	 112555683	[] 16L L	[] 30 min.
Z00 R02 m	 112555669	[] 16L L	[] 30 min.	 112555684	[] 16L L	[] 30 min.
Z00 m	 112555670	[] 16L 4L L	[] 30 ≈ 10 min.	 112555685	[] 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 m	I used 4L instead of 250 mL MQ water for the blank	
Z00 R02 m		
Z00 R03 m		
Z02 R01 m		
Z02 R02 m		
Z02 R03 m		
Depth	COMMENTS LCMS	
Z00 m		
Z02 m		



YYYY	MM	DD	#	#	#	
LOG_SAMPLES_	2023	10	10	-STATION-	0 9 0	_TARDIS-SCP-SS

OPERATOR(S)

MH

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)
ZOO	R01	112555532	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' $\approx 3h$ min.	H112555578	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' / min.
ZOO	R02	112555533	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' $\approx 3h$ min.	112555579	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' / min.
ZOO	R03	112555534	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' $\approx 3h$ min.	H112555580	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' / min.
ZOO	R04	P112555535	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' $\approx 3h$ min.	H112555581 H2O	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' / min.
ZOO	R05	112555536	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' $\approx 3h$ min.			
ZOO		112555537 H2O	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' $\approx 3h$ min.			



LCMS

Depth		COMMENTS
Z00	R01 m	I used 2L MQ water instead of LC/MS water because we didn't have anything in stock
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z00	R05 m	
Z00		



LOG_SAMPLES_	YYYY	MM	DD	#	#	#
	2023	10	10	_STATION-		090
OPERATOR(S)	SC			_S-LAB-OTHER		

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 pre aliquot at 4°C	PFA pre aliquot at -20°C	Glutaraldehyde pre aliquot at - 20°C
Z00 R04 m	 112499079	 112499119	Glycerol pre aliquot - 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
Pre aliquot	No pre aliquot	Glycerol pre aliquot - 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	[] 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_	YYYY	MM	DD	#	#	#
LOG_SAMPLES_	2023	10	10	_STATION-		0 90
OPERATOR(S)	SC			_S-LAB-DECKNET-5		

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 L	08:13	08:53	112506772	112506773
Z02 m	[] 100 L 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			
Z00 m	112506774	112506775			
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_	YYYY 2023	MM 10	DD 10	# 0	# 9	# 0	_STATION- _S-LAB-25-1
OPERATOR(S)	S2						

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.	TRIPLEXES 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 m	R01	112499021	30' [] 40' max min
Z00 m	112555612	2160 mL	Z00 m	R02	###-Z00 HP-2	30' [] 40' max min
Z02 m	###-Z02 PA	mL	Z00 m	R03	###-Z00 HP-3	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	#	#	#
	2023	10	10	_STATION-		0 9 0
OPERATOR(S)	S2			_S-LAB-NET-20		

Net 20 μm

Decknet
[] Deployed at sea

SAMPLE SPLITTING	# of cod-ends	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)
S20 Cryo-5mL LN2 #1	 112499022	[] 1/8	[] 200 mL 60mL X 15 mn	 112499023	[] 1/8	[] 200 mL 60mL X 15 mn
FCAM20 Bottle-250mL LIVE	 112555619	[] 1/8	[] 200 mL			
E20 Falcon-15mL + 15mL ETOH FRZ -20°C	 112555620	X 1/8	X 200 mL			
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect	 112555631	[] 1/8	[] 200 mL 60mL X 15 mn			
MB20 Vial-4mL FRZ -20°C	 112555632	X 1/8	X 200 mL			
FM20 Falcon-50mL FRG +4°C Pre aliquoted PFA+GLUTA store at -20°C	 112555633	X 45 mL		 112555634	X 45 mL	



SAMPLE SPLITTING	COMMENTS	COMMENTS
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 2023	MM 10	DD 10	_STATION-	# 0	# 90	#	_S-LAB-NET-200
OPERATOR(S)	S7							

Horizontal
WPII-200

SAMPLE
SPLITTING

COD-END #1

PROTOCOLS

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

Barcode

Fraction of
total volume

Aliquot
Volume (mL)

[] 250 mL



112555635

SAMPLE
SPLITTING

COD-END #2

Total volume
[] 1600 mL

Aliquots vol.
[] 200 mL

PROTOCOLS

S200
Cryo-5mL
LN2 #1



112499024

Barcode

Fraction of
total volume

Aliquot
Volume (mL)

Barcode

Fraction of
total volume

Aliquot
Volume (mL)



112499025

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



112555636

[] 1/8

[] 200 mL
70 mL
☒ 15 mn

[] 1/8

[] 200 mL
70 mL
☒ 15 mn

[] 1/8

[] 200 mL
80 mL
☒ 15 mn



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



YYYY	MM	DD	#	#	#	
LOG-SAMPLES_	2023	10	10	_STATION-	0 9 0	_S-LAB-NET-680
OPERATOR(S)	St					

Régent 680

SAMPLE SPLITTING	NET TOW #1			NET TOW #2		
	Total volume [] 1600 mL	Fraction of total volume	Bottle volume (mL)	Total volume [] 1600 mL	Fraction of total volume	Aliquot Volume (mL)
F680 Bottle-250mL RT >10°C + Borax/Formol	Barcode 112555638	[] 50 % [] 100 %	[] 250 mL			
F2000 Bottle-250mL RT >10°C + borax/formol	Barcode ### EPI F2000	hand-picked #ind=	[] 250 mL			
S680-L Falcon-5mL FRZ -20°C + 5mL Nucleoprotect				Barcode 112555639	[] 50 % [] 100 %	[] 60 mL [] 15 mn



COMMENTS

COMMENTS

**SAMPLE
SPLITTING**

F680
Bottle-250mL
RT >10°C

F2000
Bottle-250mL
RT >10°C

S680-L
Falcon-5mL
FRZ -20°C