Fondation tara océan explore and share

LOG-SAMPLES_W-LAB-142-1

tara EUROPA

C1

LOG_SAMPLES_ YYYY: 2023 MM: 11 DD: 07 _STATION- #: 097 _W-LAB-142-1

OPERATOR(S): OB

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	112494860	112494861	[ ] 20L [ ] 50L 9 L	[ ] 15' [ ] 60' 13 min.	112494862	[ ] 10L [ ] 20L 9 L
Z00 R02 m	112494863	112494864	[ ] 20L [ ] 50L 9 L	[ ] 15' [ ] 60' 13 min.	112494865	[ ] 10L [ ] 20L 9 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	112494866	112494867	[ ] 20L [ ] 50L 10 L	[ ] 15' [ ] 60' 30 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	112556146	112556147	[ ] 20L [ ] 50L 10 + 10 = 20 L	[ ] 15' [ ] 60 15min + 5 + 15 = 35min min.
Z02 m	###-Z02 S320-L	###-Z02 S023-L	[ ] 20L [ ] 50L L	[ ] 15' [ ] 60 min.

Depth Replicate		COMMENTS S###
Z00	R01	13 min filtration + 3/4 min purge no volume meter I just look at marks on the carboy
m		
Z00	R02	
m		
Z02	R01	
m		
Z02	R02	
m		

Depth	COMMENTS P###
Z00	no volume meter only 30 min filtration (10 L) ⇒ filter saturated
m	
Z02	
m	

Depth	COMMENTS S###L
Z00	no volume meter only 35 min filtration (20 L) ⇒ filter saturated
m	
Z02	
m	

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LOG-SAMPLES_DECK-BGC

tara EUROPA

D1/B1

LOG_SAMPLES_ YYYY 2023 MM 11 DD 07 _STATION- # # # 007 _DECK-BGC

OPERATOR(S) DP

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	112553313	112553314	112553315		112556171	###-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	112553307	112553316	112553310			
Z00 R02 m	112553308	112553317	112553311			
Z00 R03 m	112553309	112553318	112553312			
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	Turbidity high changed Stem 24		
Z00 R02 m			
Z00 R03 m			
Z02 R01 m			
Z02 R02 m			
Z02 R03 m			

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LOG-SAMPLES_TARDIS-SCP

tara EUROPA

D2

LOG_SAMPLES_ YYYY: 2023 MM: 11 DD: 07 _STATION- # # #: 0 9 7 _TARDIS-SCP

OPERATOR(S): DP

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	112553280	[ ] 1L [X] 2L L	[ ] 60' [X] 120' min.	112553284	[ ] 1L [X] 2L L	[ ] 60' [X] 120' min.
Z00	R02 m	112553281	[ ] 1L [X] 2L L	[ ] 60' [X] 120' min.	112553285	[ ] 1L [X] 2L L	[ ] 60' [X] 120' min.
Z00	R03 m	112553282	[ ] 1L [X] 2L L	[ ] 60' [X] 120' min.	112553286	[ ] 1L [X] 2L L	[ ] 60' [X] 120' min.
Z00	R04 m	112553283	[X] 1L [ ] 2L L	[X] 60' [ ] 120' min.	112553287	[X] 1L [ ] 2L L	[X] 60' [ ] 120' 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 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	112553343	[ ] 16L L	[ ] 30 min.	112553344	[ ] 16L L	[ ] 30 min.
Z02	m	###-Z02 MB320	[ ] 16L L	[ ] 30 min.	###-Z02 MB033	[ ] 16L L	[ ] 30 min.

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LOG-SAMPLES_S-LAB-OTHER

tara EUROPA

E1

LOG_SAMPLES_ YYYY: 2023 MM: 11 DD: 07 _STATION- #: 097 _S-LAB-OTHER

OPERATOR(S): f.v

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	112494884	112494908	112494932	112494941	112494953	112494947
Z00 R02 m	112494885	112494909	112494933	112494942	112494954	112494948
Z00 R03 m	112494886	112494910	112494934	Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at -20°C
Z00 R04 m	112494887	112494911	Glycerol prealiquot - RT			
Z00 R05 m	112494888	112494912		**DGAS* 12 mL exetainer +4°C**	**DGAS* 12 mL exetainer +4°C**	**DGAS* 12 mL exetainer +4°C**
Z00 R06 m	112494889	112494913		112499266	112499269	112499272
Z00 R07 m	112494890	112494914		112499267	112499270	112499273
Z00 R08 m	112494891	112494915		112499268	112499271	112499274
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	112556150	X 30L L	[ ] 30 26 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	

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LOG-SAMPLES_S-LAB-DECKNET-5

tara EUROPA

E2

LOG_SAMPLES_ YYYY: 2023 MM: 11 DD: 07 _STATION- #: 097 _S-LAB-DECKNET-5

OPERATOR(S): F.V

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 90 L	13 : 30	14 : 10	112494868	112494869
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	112556153	112556154
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	

Fondation tara océan explore and share — LOG-SAMPLES_S-LAB-25 — tara EUROPA — F1

LOG_SAMPLES_ YYYY 2023 MM 11 DD 07 _STATION- # 0 # 9 # 7 _S-LAB-25-1

OPERATOR(S) NR

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00 m	1. 17,6 2. 18,3 3. 18,9		112556201	100 mL	N°: XX122 Weight: 36,627	
Z02 m	1. 2. 3.		TRIPLICATES 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	112494031	mL	[ ] 30' [ ] 40' max min
Z00 m	112556194	80 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	112556195	80 mL	N°: XX124 Weight: 37,279	112556198	80 mL	N°: XX064 Weight: 37,026
Z00 R02 m	112556196	80 mL	N°: XX395 Weight: 35,959	112556199	80 mL	N°: XX346 Weight: 36,645
Z00 R03 m	112556197	80 mL	N°: XX127 Weight: 37,052	112556200	80 mL	N°: XX325 Weight: 37,499
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	

Fondation tara océan explore and share

LOG-SAMPLES_S-LAB-NET-20

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F2

LOG-SAMPLES_ YYYY: 2023 MM: 11 DD: 07 _STATION- #: 097 _S-LAB-NET-20

OPERATOR(S): NR

	Net 20 µm			[●] Decknet [ ] Deployed at sea		
SAMPLE SPLITTING	**# of cod-ends** [●] 1 [ ] 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)**
S20 Cryo-5mL LN2 #1	112494992	[●] 1/8	[●] 200 mL [●] 15 mn	112494993	[●] 1/8	[●] 200 mL [●] 15 mn
FCAM20 Bottle-250mL LIVE	112556193	[●] 1/8	[●] 200 mL			
E20 Falcon-15mL + 15mL ETOH FRZ -20°C	112556191	[●] 1/8	[●] 200 mL			
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect	112556192	[●] 1/8	[●] 200 mL [●] 15 mn			
MB20 Vial-4mL FRZ -20°C	112556202	[●] 1/8	[●] 200 mL			
FM20 Falcon-50mL FRG +4°C Prealiquoted PFA+GLUTA store at -20°C	112556203	[●] 45 mL		112556204	[●] 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		

Fondation tara océan explore and share

LOG-SAMPLES_S-LAB-NET-200

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F3

LOG-SAMPLES_ YYYY: 2023 MM: 11 DD: 07 _STATION- #: 097 _S-LAB-NET-200

OPERATOR(S): MR NG

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	112556205	[●] 1 (100%)	[●] 250 mL			
SAMPLE SPLITTING	**COD-END #2**	**Total volume** ~~[ ] 1000 mL~~ 2100	**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	112494994	~~[ ] 1/8~~	[ ] 200 mL 10 [●] 15 mn	112494995	[ ] 1/8	[ ] 200 mL 10 [●] 15 mn
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo	112556206	[ ] 1/8	[ ] 200 mL 10 [●] 15 mn			

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

Fondation tara océan explore and share

LOG-SAMPLES_S-LAB-NET-680

tara EUROPA

F4

LOG-SAMPLES_ YYYY: 2023 MM: 11 DD: 07 _STATION- # # #: 0 9 7 _S-LAB-NET-680

OPERATOR(S): NR NG

	Régent 680					
SAMPLE SPLITTING	**NET TOW #1** Total volume [●] 1600 mL			**NET TOW #2** 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	112556207	[ ] 50 % [●] 100 %	[●] 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				112556208	[ ] 50 % [●] 100 %	[ ] 25 mL [●] 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	Gelatinous HT	