	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2023	08	29	_STATION-	0	7	1	_ZODIAC-ALIENS

OPERATOR(S) MG ; SC

Aliens In port	Aliens Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	BLANK (every 3 sites) 2L of purewater
Aliens In port-1	112556668	~~[ ] 30L~~ **24** L	[■] 30 ~~min.~~	###- ALIENS-BLANK
Aliens In port-2	112556669	[ ] 30L **25** L	[■] 30 min.	
Aliens In port-3	112556670	[ ] 30L **25** L	[■] 30 min.	

Aliens entrance	Aliens Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	
Aliens Entrance-1	112556671	[■] 30L ___ L	[ ] 30 **20'21** min.	
Aliens Entrance-2	112556672	[■] 30L ___ L	[ ] 30 **20'25** min.	
Aliens Entrance-3	112556673	[■] 30L ___ L	[ ] 30 **21'35** min.	

Aliens Open water	Aliens Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	
Aliens openW-1	112556674	[■] 30L ___ L	[ ] 30 **22'35** min.	
Aliens openW-2	112556675	[■] 30L ___ L	[ ] 30 **24'33** min.	
Aliens openW-3	112556676	[ ] 30L **23** L	[■] 30 min.	

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

Aliens In port	COMMENTS
Aliens In port-1	
Aliens In port-2	
Aliens In port-3	
Aliens entrance	
Aliens Entrance-1	
Aliens Entrance-2	
Aliens Entrance-3	
Aliens Open water	
Aliens openW-1	
Aliens openW-2	
Aliens openW-3	

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LOG-SAMPLES_W-LAB-142-1

tara EUROPA   C1

	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2023	08	29	_STATION-	0	7	1	_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	112496089 S320-1	112496090 S023-1	[ ] 20L [ ] 50L **13** L	[ ] 15' [ ] 60' **13** min.	112496091	[ ] 10L [ ] 20L **13** L
Z00 R02 ___ m	112496092	112496093	[ ] 20L [ ] 50L **13** L	[ ] 15' [ ] 60' **13** min.	112496094	[ ] 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	112496095	112496096	[ ] 20L [ ] 50L **25** L	[ ] 15' [■] 60' **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	112556619 S320-L	112556620	[ ] 20L [ ] 50L **20L } 40** **20L }** L	[ ] 15' [ ] 60 **25+5** **30** min. **} 60 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
	m	
Z00	R02	"
	m	
Z02	R01	
	m	
Z02	R02	
	m	

Depth	COMMENTS P###
Z00	no volume meter. I just look at marks on the carboy
m	
Z02	
m	

Depth	COMMENTS S###L
Z00	25 min first filtration + 5 min to purge-collect and change filters ⇒ 30 min
m	
Z02	
m	

	YYYY	MM	DD			#	#	#	
LOG_SAMPLES_	2023	O 8	29	_STATION-		O	7	I	_DECK-BGC

OPERATOR(S) JUT

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		112556639	112556640	112556641		112556380	112556398
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	112556642	112556645	112556648
Z00	R02 m	112556643	112556646	112556649
Z00	R03 m	112556644	112556647	112556650
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				

LOG_SAMPLES_ YYYY `2023` MM `08` DD `29` **_STATION-** # `0` # `7` # `1` **_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 m	R01	112556651	[ ] 1L [X] 2L ___ L	[ ] 60' [X] 120' ___ min.	112556655	[ ] 1L [X] 2L ___ L	[ ] 60' [X] 120' ___ min.
Z00 m	R02	112556652	[ ] 1L [X] 2L ___ L	[ ] 60' [X] 120' ___ min.	112556656	[ ] 1L [X] 2L ___ L	[ ] 60' [X] 120' ___ min.
Z00 m	R03	112556653	[ ] 1L [X] 2L ___ L	[ ] 60' [X] 120' ___ min.	112556657	[ ] 1L [X] 2L ___ L	[ ] 60' [X] 120' ___ min.
Z00 m	R04	112556654	[ ] 1L [X] 2L ___ L	[ ] 60' [X] 120' ___ min.	112556658	[ ] 1L [X] 2L ___ L	[ ] 60' [X] 120' ___ min.
Z02 m	R01	###-Z02 PPL-1	[ ] 1L [ ] 2L ___ L	[ ] 60' [ ] 120' ___ min.	###-Z02 HLB-1	[ ] 1L [ ] 2L ___ L	[ ] 60' [ ] 120' ___ min.
Z02 m	R02	###-Z02 PPL-2	[ ] 1L [ ] 2L ___ L	[ ] 60' [ ] 120' ___ min.	###-Z02 HLB-2	[ ] 1L [ ] 2L ___ L	[ ] 60' [ ] 120' ___ min.
Z02 m	R03	###-Z02 PPL-3	[ ] 1L [ ] 2L ___ L	[ ] 60' [ ] 120' ___ min.	###-Z02 HLB-3	[ ] 1L [ ] 2L ___ L	[ ] 60' [ ] 120' ___ min.
Z02 m	R04	###-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	112556659	[X] 16L ___ L	[X] 30 ___ min.	112556660	[X] 16L ___ L	[X] 30 ___ min.
Z02 m	###-Z02 MB320	[ ] 16L ___ L	[ ] 30 ___ min.	###-Z02 MB033	[ ] 16L ___ L	[ ] 30 ___ min.

Depth		COMMENTS
Z00	R01	PPL → used LCMS H_2O for cartridge rinsing
	m	
Z00	R02	
	m	
Z00	R03	
	m	
Z00	R04	
	m	
Z02	R01	
	m	
Z02	R02	
	m	
Z02	R03	
	m	
Z02	R04	
	m	

	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2023	08	29	_STATION-	0	7	1	_S-LAB-OTHER
OPERATOR(S)	E. Buss							

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	112496171	112496179	112496140	112496133	112496135	112496137
Z00 R02 m	112496170	112496178	112496139	112496132	112496134	112496136
Z00 R03 m	112496169	112496177	112496138	Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at -20°C
Z00 R04 m	112496168	112496176	Glycerol prealiquot - RT			
Z00 R05 m	112496167	112496175				
Z00 R06 m	112496166	112496174				
Z00 R07 m	112496165	112496173				
Z00 R08 m	112496164	112496172				
Prealiquot	No prealiquot	Glycerol prealiquot - RT				

Depth Replicate	eDNA Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	+ 50 mL of buffer	< 0.45 µm
Z00 m	112556633	[•] 30L ___ L	[•] 30 ___ min.	=> Collect filtrate for SS protocol onland : V<0.45	
Z02 m	###-Z02 eDNA	[ ] 30L ___ L	[ ] 30 ___ min.		

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LOG-SAMPLES_S-LAB-OTHER

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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	

	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2023	08	29	_STATION-	O	7	1	_S-LAB-DECKNET-5

OPERATOR(S)	F. Buss

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 70 L	07:38	08:36 — end filling : 09:15 end f. trawl	‖‖‖ 112496146	‖‖‖ 112496147	
Z02 ___ m	[ ] 100 L ___ L	:	:	### Z02 SG5-1	### Z02 SG5-2	

Depth	FM5-1* Falcon-50mL FRG +4°C	FM5-2* Falcon-50mL FRG +4°C				
Z00 ___ m	‖‖‖ 112556631	‖‖‖ 112556632				
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
Z00	R01 m	
Z00	R02 m	

Depth		COMMENTS FM5
Z00	R01 m	
Z00	R02 m	

	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2023	08	29	_STATION-	0	7	1	_S-LAB-25-1
OPERATOR(S)	Z.M.							

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)
Z00 m	1. 0.59 2. 0.55 3. 0.66		112556661	1080 mL	N°: TR247 Weight: 37,132
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	112496184	1080 mL	[ ] 30' [ ] 40' 16' max min
Z00 m	112556638	1080 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	112556662	1080 mL	N°: TR193 Weight: 37,361	112556665	1080 mL	N°: TR157 Weight: 37,627
Z00 R02 m	112556663	1080 mL	N°: TR208 Weight: 37,681	112556666	1080 mL	N°: TR48 Weight: 37,172
Z00 R03 m	112556664	1080 mL	N°: TR30 Weight: 37,140	112556667	1080 mL	N°: TR184 Weight: 37,595
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
	2023	08	29		0	7	1	

OPERATOR(S): Z.H.

		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**	112496180	[ ] 1/8	[ ] 200 mL *100 mL* [●] 15 mn	112496181	[ ] 1/8	[ ] 200 mL *100 mL* [●] 15 mn
FCAM20 **Bottle-250mL** **LIVE**	112556677	[●] 1/8	[●] 200 mL			
E20 **Falcon-15mL** **+ 15mL ETOH** **FRZ -20°C**	112556678	[●] 1/8	[●] 200 mL			
S20-L **Falcon-5mL** **FRZ -20°C** **+ 5 mL** **NucleoProtect**	112556679	[ ] 1/8	[ ] 200 mL *100 mL* [ ] 15 mn			
MB20 **Vial-4mL** **FRZ -20°C**	112556680	[●] 1/8	[●] 200 mL			
FM20 **Falcon-50mL** **FRG +4°C** **Prealiquoted** **PFA+GLUTA** **store at -20°C**	112556681	[●] 45 mL		112556682	[●] 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**		

	YYYY	MM	DD		#	#	#	
LOG-SAMPLES_	2023	08	29	_STATION-	0	7	1	_S-LAB-NET-200

OPERATOR(S) Z.M.

	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	112556684	[●] 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	112496182	[ ] 1/8	[ ] 200 mL *100 mL* [●] 15 mn	112496183	[ ] 1/8	[ ] 200 mL *100 mL* [●] 15 mn	
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo	112556685	[ ] 1/8	[ ] 200 mL *50 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_	YYYY	MM	DD		_STATION-	#	#	#		_S-LAB-NET-680
	2023	08	29			0	7	1		

OPERATOR(S): Z.M.

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**	112556687	[ ] 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**				112556686	[ ] 50 % [•] 100 %	[ ] 100 mL ~~[ ] 15 mn~~

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LOG-SAMPLES_S-LAB-NET-680

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F4

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