

Coregonine Acute Thermal Challenge

Date: 05/27/2020
 Lake: Ontario & Superior
 Incubation Treatment: 4.5 °C

Temp Rate (°C/min): 0.5 / 30
 Species: *Coregonus artedii*
 Rearing Tanks: LO-4.5-1, LO-4.5-2, LS-4.5-1

Starting Time: 0600
 Starting Temp (°C): 10.5
 Acclimation Temp (°C): 10.0

Ending Time: 2300
 Ending Temp (°C): 28.0
 Acclimation Time: 12 Hours

Aquaria	ATC 01	ATC 02	ATC 03	ATC 04	ATC 05	ATC 06	ATC 07	ATC 08	ATC 09	ATC 10
Rearing	LO-4.5-1	LO-4.5-1	LO-4.5-2	LO-4.5-2	-	LS-4.5-1	LS-4.5-1	-	-	-

Time	Tank ID	Vial ID	Plate ID
-	2	244	21-A1
-	2	245	21-A2
-	7	246	25-A1
1129	7	247	25-A2
1253	1	248	20-A1
1253	1	249	20-A2
1400	6	250	24-A1
1430	2	251	21-A3
1500	6	252	24-A2
1620	4	253	23-A1
1645	4	254	23-A2
1645	3	255	22-A1
1645	3	256	22-A2
1655	3	257	22-A3
1655	3	258	22-A4
1705	1	259	20-A3
1705	3	260	22-A5
1705	3	261	22-A6
1705	4	262	23-A3
1730	4	263	23-A4
1730	3	264	22-B1
1730	3	265	22-B2
1730	2	266	21-A4
1745	6	267	24-A3
1800	2	268	21-A5
1800	6	269	24-A4
1800	7	270	25-A3
1800	1	271	20-A4
1820	4	272	23-A5

Time	Tank ID	Vial ID	Picture ID
1820	4	273	23-A6
1820	3	274	22-B1
1820	3	275	22-B2
1820	3	276	22-B3
1820	3	277	22-B4
1820	3	278	22-B5
1820	2	279	21-A6
1820	6	280	24-A5
1820	6	281	24-A6
1820	6	282	24-B1
1820	7	283	25-A4
1820	7	284	25-A5
1830	3	285	22-B6
1830	6	286	24-B2
1830	6	287	24-B3
1830	6	288	24-B4
1830	7	289	25-A6
1830	7	290	25-B1
1845	4	291	23-B1
1845	4	292	23-B2
1845	4	293	23-B3
1845	3	294	22-C1
1845	3	295	22-C2
1845	1	296	20-A5
1845	1	297	20-A6
1845	6	298	24-B5
1900	4	299	23-B4
1900	4	300	23-B5
1900	4	301	23-B6

Time	Tank ID	Vial ID	Plate ID
1900	3	302	22-C3
	3	303	22-C4
	3	304	22-C5
	3	305	22-C6
	2	306	21-B1
	2	307	21-B2
	2	308	21-B3
	2	309	21-B4
	2	310	21-B5
	2	311	21-B6
	2	312	21-C1
	1	313	20-B1
	6	314	24-B6
	6	315	24-C1
1900	7	316	25-B2
1915	4	317	23-C1
	4	318	23-C2
	3	319	22-D1
	3	320	22-D2
	1	321	20-B2
	1	322	20-B3
	1	323	20-B4
	1	324	20-B5
	7	325	25-B3
1915	7	326	25-B4
1930	4	327	23-C3
	4	328	23-C4
	4	329	23-C5
	4	330	23-C6
	4	331	23-D1
	3	332	22-D3
	3	333	22-D4
	2	334	21-C2
	2	335	21-C3
	1	336	20-B6
	1	337	20-C1
	6	338	24-C2
	7	339	25-B5
1930	7	340	25-B6

Time	Tank ID	Vial ID	Plate ID
1930	7	341	25-C1
1945	4	342	23-D2
	3	343	22-D5
	3	344	22-D6
	3	345	29-A1
	2	346	21-C4
	2	347	21-C5
	1	348	20-C2
	1	349	20-C3
	1	350	20-C4
	1	351	20-C5
	1	352	20-C6
	6	353	24-C3
	7	354	25-C2
	7	355	25-C3
	7	356	25-C4
	7	357	25-C5
1945	7	358	25-C6
2000	4	359	23-D3
	4	360	23-D4
	4	361	23-D5
	4	362	23-D6
	3	363	29-A2
	3	364	29-A3
	3	365	29-A4
	3	366	29-A5
	2	367	21-C6
	2	368	21-D1
	2	369	21-D2
	2	370	21-D3
	2	371	21-D4
	2	372	21-D5
	1	373	20-D1
	1	374	20-D2
	1	375	20-D3
	1	376	20-D4
	1	377	20-D5
	6	378	24-C4
2000	7	379	25-D1

Coregonine Acute Thermal Challenge

Date: 05/27/2020
 Lake: Ontario & Superior
 Incubation Treatment: 4.5 °C

Temp Rate (°C/min): 0.5 / 30
 Species: *Coregonus artedii*
 Rearing Tanks: LO-4.5-1, LO-4.5-2, LS-4.5-1

Starting Time: 0600
 Starting Temp (°C): 10.5
 Acclimation Temp (°C): 10.0

Ending Time: 2300
 Ending Temp (°C): 28.0
 Acclimation Time: 12 Hours

Aquaria	ATC 01	ATC 02	ATC 03	ATC 04	ATC 05	ATC 06	ATC 07	ATC 08	ATC 09	ATC 10
Rearing	LO-4.5-1	LO-4.5-1	LO-4.5-2	LO4.5-2	-	LS-4.5-1	LS-4.5-1	-	-	-

Time	Tank ID	Vial ID	Plate ID
2000	7	380	25-D2
	7	381	25-D3
2000	7	382	25-D4
2030	4	383	28-A1
	4	384	28-A2
	4	385	28-A3
	4	386	28-A4
	3	387	29-A6
	3	388	29-B1
	3	389	29-B2
	3	390	29-B3
	3	391	29-B4
	3	392	29-B5
	2	393	21-D6
	2	394	27-A1
	2	395	27-A2
	2	396	27-A3
	2	397	27-A4
	2	398	27-A5
	2	399	27-A6
	1	400	20-D6
	1	401	26-A1
	1	402	26-A2
	1	403	26-A3
	1	404	26-A4
	1	405	26-A5
	1	406	26-A6
	1	407	26-B1
2030	6	408	24-C5

Time	Tank ID	Vial ID	Picture ID
2030	6	409	24-C6
	6	410	24-D1
	6	411	24-D2
	6	412	24-D3
	6	413	24-D4
	7	414	25-D5
	7	415	25-D6
	7	416	31-A1
	7	417	31-A2
	7	418	31-A3
	7	419	31-A4
	7	420	31-A5
	7	421	31-A6
2030	7	422	31-B1
2100	4	423	28-A5
	4	424	28-A6
	4	425	28-B1
	3	426	29-B6
	3	427	29-C1
	3	428	29-C2
	3	429	29-C3
	2	430	27-B1
	2	431	27-B2
	2	432	27-B3
	2	433	27-B4
	1	434	26-B2
	1	435	26-B3
	1	436	26-B4
2100	1	437	26-B5

Time	Tank ID	Vial ID	Plate ID
2100	1	438	26-B6
	6	439	24-D5
	6	440	24-D6
	6	441	30-A1
	6	442	30-A2
	6	443	30-A3
	6	444	30-A4
	7	445	31-B2
	7	446	31-B3
	7	447	31-B4
	7	448	31-B5
	7	449	31-B6
	7	450	31-C1
	7	451	31-C2
2100	7	452	31-C3
2100	7	453	31-C4
2130	4	454	28-B2
	4	455	28-B3
	4	456	28-B4
	4	457	28-B5
	4	458	28-B6
	4	459	28-C1
	4	460	28-C2
	4	461	28-C3
	4	462	28-C4
	3	463	29-C4
	3	464	29-C5
	3	465	29-C6
	3	466	29-D1
	3	467	29-D2
	3	468	29-D3
	3	469	29-D4
	3	470	29-D5
	3	471	29-D6
	2	472	27-B5
	2	473	27-B6
	2	474	27-C1
	2	475	27-C2
	2	476	27-C3

Time	Tank ID	Vial ID	Plate ID
	2	477	27-C4
	2	478	27-C5
	2	479	27-C6
	2	480	27-D1
	2	481	27-D2
	1	482	26-C1
	1	483	26-C2
	1	484	26-C3
	1	485	26-C4
	1	486	26-C5
	1	487	26-C6
	1	488	26-D1
	1	489	26-D2
	1	490	26-D3
	6	491	30-A5
	6	492	30-A6
	6	493	30-B1
	6	494	30-B2
	6	495	30-B3
	6	496	30-B4
	6	497	30-B5
	6	498	30-B6
	6	499	30-C1
	6	500	30-C2
	7	501	31-C5
	7	502	31-C6
	7	503	31-D1
	7	504	31-D2
	7	505	31-D3
	7	506	31-D4
	7	507	31-D5
2130	7	508	31-D6
2200	4	509	28-C5
	4	510	28-C6
	4	511	28-D1
	4	512	28-D2
	4	513	28-D3
	4	514	28-D4
2200	4	515	28-D5

Coregonine Acute Thermal Challenge

Date: 05/27/2020
 Lake: Ontario & Superior
 Incubation Treatment: 4.5 °C

Temp Rate (°C/min): 0.5 / 30
 Species: *Coregonus artedii*
 Rearing Tanks: LO-4.5-1, LO-4.5-2, LS-4.5-1

Starting Time: 0600
 Starting Temp (°C): 10.5
 Acclimation Temp (°C): 10.0

Ending Time:
 Ending Temp (°C):
 Acclimation Time: 12 Hours

Aquaria	ATC 01	ATC 02	ATC 03	ATC 04	ATC 05	ATC 06	ATC 07	ATC 08	ATC 09	ATC 10
Rearing	LO-4.5-1	LO-4.5-1	LO-4.5-2	LO-4.5-2	-	LS-4.5-1	LS-4.5-1	-	-	-

Time	Tank ID	Vial ID	Plate ID
2200	4	516	28-D6
	4	517	35-A1
	4	518	35-A2
	3	519	34-A1
	3	520	34-A2
	3	521	34-A3
	3	522	34-A4
	3	523	34-A5
	3	524	34-A6
	2	525	27-D3
	2	526	27-D4
	2	527	27-D5
	2	528	27-D6
	2	529	33-A1
	2	530	33-A2
	2	531	33-A3
	2	532	33-A4
	2	533	33-A5
	1	534	26-A4
	1	535	26-A5
	1	536	26-A6
	1	537	32-A1
	1	538	32-A2
	1	539	32-A3
	6	540	30-B3
	6	541	30-B4
	6	542	30-B5
	6	543	30-B6
2200	6	544	30-B1

Time	Tank ID	Vial ID	Picture ID
2200	6	545	30-D2
	6	546	30-D3
	6	547	30-D4
	6	548	30-D5
	6	549	30-D6
	7	550	37-A1
	7	551	37-A2
	7	552	37-A3
2200	7	553	37-A4
2230	4	554	35-A3
	4	555	35-A4
	4	556	35-A5
	4	557	35-A6
	3	558	34-B1
	3	559	34-B2
	3	560	34-B3
	3	561	34-B4
	3	562	34-B5
	2	563	33-A6
	2	564	33-B1
	1	565	32-A4
	1	566	32-A5
	1	567	32-A6
	6	568	36-A1
	6	569	36-A2
	7	570	37-A5
2230	7	571	37-A6
2240	7	572	37-B1
2245	1	573	32-B1

