



STEM CELL LABORATORY (STCL)



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DOCUMENT TITLE:

Heracell CO2 Incubator Daily Weekly

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Control Information

Author: WATER002

Owner: WATER002

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Change Number: STCL-CCR-536

HeraCELL CO2 Incubators

Serial # (TOP): 40854636 (REES inputs # 53, 54)

Serial # (BOTTOM): 40854633 (REES inputs# 55, 56)

Location: Stem Cell Lab HPCA Area

HERACELL CO2 Incubator Daily – Weekly Maintenance Log**TEMP RANGE:** 35°C - 39°C **CO₂ RANGE:** 4.4 – 5.6 % **H₂O LEVEL:** 0.5 – 1.0 inches **Month/Year** _____*Monitoring is performed on days when STCL is staffed. When lab is NOT staffed, monitoring is via REES System ONLY*

Date	Digital Temp. (Top)	Internal Temp. (Top)	Digital Temp. (Bottom)	Internal Temp. (Bottom)	Digital CO ₂ (Top)	Digital CO ₂ (Bottom)	Check DI H ₂ O Level *	Tank Pressure (PSI)	Staff Initials
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									

Check DI H₂O Level – Enter OK or Added*Weekly Maintenance**

Week 1	Week 1
Rees CO2 Top	Rees CO2 Bottom
Rees Temp Top	Rees Temp Bottom
Week 2	Week 2
Rees CO2 Top	Rees CO2 Bottom
Rees Temp Top	Rees Temp Bottom
Week 3	Week 3
Rees CO2 Top	Rees CO2 Bottom
Rees Temp Top	Rees Temp Bottom
Week 4	Week 4
Rees CO2 Top	Rees CO2 Bottom
Rees Temp Top	Rees Temp Bottom
Week 5	Week 5
Rees CO2 Top	Rees CO2 Bottom
Rees Temp Top	Rees Temp Bottom

**** Check, Initial, and date blocks for 2X / Month Maintenance**

TOP	BOTTOM
Wipe interior w/ disinfectant wipes, replace H ₂ O & add drops ()	Wipe interior w/ disinfectant wipes, replace H ₂ O & add drops ()
Initials/Date	Initials/Date
Wipe interior w/ disinfectant wipes, replace H ₂ O & add drops ()	Wipe interior w/ disinfectant wipes, replace H ₂ O & add drops ()
Initials/Date	Initials/Date

Record problems / corrective action on reverse side of form

NP = Not Performed

WEEKLY REVIEW: WK 1: _____ WK2: _____ WK3: _____ WK 4: _____ WK 5: _____

MONTHLY REVIEW Reviewed by: _____ Date: _____

Instructions:** If H₂O level is below acceptable level, **ADD STERILE bottled water** to the bottom of chamber until the water level is between 0.5 – 1.0 inches.*WEEKLY:** Each chamber must be cleaned **2x / MONTH**; relocate all clinical plates to the alternate chamber (*that is not being cleaned*), remove residual water; wipe the interior of the chamber, walls, and racks with Oxivir Tb Disinfectant Wipes (*or equivalent*) and allow a minimum of **10 minutes contact time** to dry; **replace chamber with fresh STERILE bottled water** and add 20 drops of Polyclean Clarifier (PolyScience) (*or equivalent*) to the water (*to minimize the chance that organisms will grow in the water*).STCL-FORM-002 HeraCell CO₂ Incubator Daily, Weekly Maintenance Log

Stem Cell Laboratory, DUMC

Durham, NC

Signature Manifest**Document Number:** STCL-FORM-002**Revision:** 06**Title:** Heracell CO2 Incubator Daily Weekly**Effective Date:** 01 Feb 2023

All dates and times are in Eastern Time.

STCL-FORM-002 Heracell CO2 Incubator Daily Weekly**Author**

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Barbara Waters-Pick (WATER002)		18 Jan 2023, 12:32:14 PM	Approved

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Quality

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Document Release

Name/Signature	Title	Date	Meaning/Reason
Sandra Mulligan (MULLI026)		24 Jan 2023, 08:00:35 PM	Approved