

MSG 160A - RED FD11 BIOPACK YSTRES PROCEDURE UPDATES

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2 The following procedure changes are necessary to reflect the off-nominal BIOPACK plan.
3 The pen and ink changes below will remove the centrifuge steps, remove the incubator door
4 closure steps, and use PTCU4 in place of the Freezer.
5
6 On pg 7-6, delete steps 8.5 and 8.7
7
8 On pg 7-8, delete steps 8.23 and 8.24
9
10 On pg 7-9, delete steps 10.3, 10.5, and 10.6
11
12 On pg 7-10:
13 1. In step 10.12 Transfer 2 Containers, change the following line
14 FROM: YSTRES 11 to Freezer
15 TO: YSTRES 11 to PTCU4
16 2. Delete steps 10.17 and 10.18
17
18 On pg 7-11, delete step 11.4
19
20 On pg 7-13, delete steps 11.19 and 13.3
21
22 On pg 7-14, in step 13.9 Transfer 2 Containers, change the following line
23 FROM: YSTRES 12 to Freezer
24 TO: YSTRES 12 to PTCU4
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26 On pg 7-15:
27 1. Change the following line in step 13.12
28 FROM: Remove and close incubator door
29 TO: Remove
30 2. Delete step 17.5
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32 On pg 7-16, delete step 17.7
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34 On pg 7-18, delete steps 17.23 and 17.24
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36 On pg 7-19, delete steps 19.2, 19.4, and 19.5
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38 On pg 7-20:
39 1. In step 19.11 Transfer 2 Containers, change the following line
40 FROM: YSTRES 13 to Freezer
41 TO: YSTRES 13 to PTCU4
42 2. Change the following line in step 19.15:
43 FROM: Remove and close incubator door
44 TO: Remove
45 3. Delete steps 19.16 and 19.17
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47 On pg 7-21, delete step 20.4
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49 On pg 7-23, delete step 20.19
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- 2 On pg 7-24, delete step 22.3
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- 4 On pg 7-25:
- 5 1. In step 22.10 Transfer 2 Containers, change the following line
- 6 FROM: YSTRES 14 to Freezer
- 7 TO: YSTRES 14 to PTCU4
- 8 2. Change the following line in step 22.13:
- 9 FROM: Remove and close incubator door
- 10 TO: Remove
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- 12 On pg 7-26, delete steps 26.5 and 26.7
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- 14 On pg 7-29, delete steps 26.23 and 26.24
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- 16 On pg 7-30, delete steps 28.2, 28.4, and 28.5
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- 18 On pg 7-31, in step 28.12 Transfer 1 Container to Freezer, change the following line
- 19 FROM: YSTRES 15 to Freezer
- 20 TO: YSTRES 15 to PTCU4
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- 22 On pg 7-32, delete step 29.4
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- 24 On pg 7-34, delete steps 29.19 and 31.3
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- 26 On pg 7-35, in step 31.9 Transfer 2 Containers, change the following line
- 27 FROM: YSTRES 16 to Freezer
- 28 TO: YSTRES 16 to PTCU4
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- 30 On pg 7-36, delete step 31.14
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- 32 Note: Crew should not close incubator door during YSTRES ops.
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