Mesoderm Production Protocol

1. Add mesoderm media to hESCs on day 1.
   Note: cell density does not seem to be important

2. Assay cells for Brachyrury expression on day 3.

Mesoderm media

RPMI
0.5% HyClone FBS BMP4 (10 ng/ml) Wnt3A (50 ng/ml) [we’d likely try CHIR99021 next time]

We have used the Brachyury antibody from R&D Systems (AF2085; 1:40) with success.

Protocol developed by Kathy Joubin in parts from:
Nakanishi et al., 2009 FASEB Journal 23:144-122.
Zhang et al., 2009 Blood 111:1933-1941.