Hours of Development

Arbitrary Density Units
Figure 16. Northern analysis of TF2 expression. RNApure® reagent (GenHunter Corporation) was used to extract RNA from undifferentiated and differentiated cells. Northern analysis of 0 to 8 h of development is shown here. Following electrophoresis in a 1% formaldehyde agarose gel, the RNA was transferred to a Hybond-N+ nylon membrane and probed with a radiolabeled TF2 cDNA. The membrane was washed under high stringency conditions and exposed to x-ray film. After autoradiography, the gel was scanned using a Storm PhosphoImager. The intensities of the tf2 mRNA bands, as measured by the PhosphoImager, were used to plot the bar graph shown on top. As cells progress from 0 to 8 hours of development, tf2 mRNA levels can be seen increasing by at least 80%.