NCSBI MOLECULAR GENETICS SECTION Training Manual ABA Card Heme Trace Competency Test Page 1



ABA CARD HEME TRACE AND p30 CARD COMPETENCY TEST Name Answer the following questions. Drawings can be used to explain your answers. 1. Explain the high does hook effect. Why are we worried about it in these tests. How can one overcome this problem? 2. Describe the principle of the ABA p30 and Heme Trace test cards and how they work. Make sure your explanation includes a discussion on how the C and T lines are created or visualized during the test run and how to interpret the results based on the C and T lines appearing (or not appearing). 3. You have gotten a positive result on a Heme Trace Card. What two other pieces of data (or observations) are required for you to identify human blood as being present? 4. Does the Heme Trace Card give specific results for human blood (absent all other results or testing methods)? 5. Does the p30 card give specific results for human (primate) semen (absent all other results or testing methods)? Explain your answer. manuals/training/hemetest.wpd