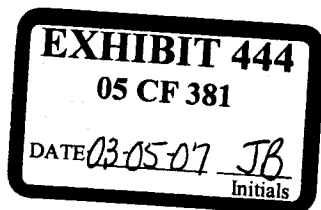


EDTA Stability Study:

Ten EDTA-preserved blood spot cards were analyzed following approximately 33 months of storage at room temperature. The free acid form of EDTA was detected in all 10 of the spot cards. The EDTA-iron complex was detectable in 6 of the 10 spot cards. Failure to identify the EDTA-iron complex was based on the lack of the less abundant product ion ( $m/z$  326). The more abundant  $m/z$  300 for EDTA-iron was present in all 10 of the spot cards.



02/28/07  
JOB

- EDTA DONOR TUBES ON NON-FTA TREATED CARDS  
(50 uL BLOOD/STAIN, 5/2004)
  - LABELED (A) - (J)
- CREATED EDTA ⊖ BLOOD SAMPLE (MAL 2/2/07, YELLOW TOP) ON  
NON-FTA TREATED CARDS<sup>TP</sup>, 50 uL/STAIN, CREATED 3 STAINS.
- BLANK CARD, NO BLOOD STAIN (NON-FTA TREATED CARD).
- CUT OUT FULL CIRCLE FOR EACH SAMPLE, PLACED IN LABELED  
CFD. ADDED 200 uL 500 ppm DI2-EDTA (aq). SIT FOR  
45 min, ROOM T.
- FILTRATES → VIALS