

Apollo XVI Medical Requirements

Clinical Laboratory Medicine

Proposed changes to Apollo XV Protocol

1. Addition of K^{42} and TBW measurements to F-30 and F-5 sample days-
Oral administration; spot urine sample on day following administration.
2. Addition of K^{42} and TBW measurements to R+6 and R+TBD sample days.
Oral administration; spot urine sample on day following administration.
3. Addition of ^{4X}muscle tissue sample to be collected at F-30, R+0, R+6
and R+TBD.
4. Addition of R+TBD sample day to cover documentation of return to
normalcy postflight. Will not require if values back to preflight
levels by R+6.*
5. Addition of R+12-20 hour sample. (30 ml blood) i.e. if crew remains
onboard PRS until morning following recovery. Will not preclude
R+1 sample. (Same as Apollo XV)