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**Box:** 1 **Folder:** 14

**Folder Title:** Cystic Fibrosis – Notes on Sweat Test, n.d.

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Cystic Sweat test. FIBROSIS Weighing bottle (2100 cc capacity) containing gauge rensed a destilled water & dreed to constant weight in 100° onen. Stored covered, in dessicator. Immediately before use covered bottle containing gauge is neighed. Sauge is placed on reinsed and dreed ones of patients back or abdomen and covered a plestie sheel secured a tape. after 2 hrs gauge is returned to bottle of to lab. Immediately weigh to determine int of sevent. Delute o delute hel NOz. (2000/214 hi NOz) 1000 cc). Welite = 1/100. ie. of Sweat weighs 0,500 gm- (which is = 0.500), delute to 50cc. (need at least 20 cc for determination of harce).

help tend observed of then weigh to determ epach who of sweat + hins.

taeton; delution = Sweat + hi NOS Chloride: Schales + Schales use 1-5 a deluted senest. Intrate a 1 meg/L Hg(NO3), using dephenyl carbozone as indicator. Calculation: determine ce Hg(NO3) ce cheluted swest. ce Hg(NO3)= megl & chluterisment do blank determ on hi NO3 + Subtred value from above.

use fleme photometer- if deluted 1/100 reg will be at -1 to .5 for wormal.

K. Sime as her but rega are very low. Dephenytourhozone: dessolve 100 mg S-diphenyl cerbegone in 95% alcohol. Alute to 100 cc. Itore in derk in refig. use 4075 drops. Good I month. LL Ag NO3: Put 200 cc H2O in 12 volumetire. Odd 200c 2N HNO3. Odd 0.162 g. mercuric militate. Dissolve oddlute to volume = 1 meg/L Hgt. Stable indefinitely. it of solution to be tituted Should be bet 4.5 16. (ese glestipped burette (metal reacts & Hg(W3)) Values: he wormel 10 - 120 mg/2 80 -> 190 abnom 10-80 hom 60 > 160 abno alm