

20 Aug 06

Chemistry Forward
Analysis

10

PASS

Chemical: Sodium Trisulfate

Con: 1M In TRIS H₂O Vol = 100 ml.

Target 1g conc 98 extract constant method.

Maxwell Urine.

Agar 2 HR @ +27°C

Mutant lot # B-019

American 100 Filter unit to clean up RNA.

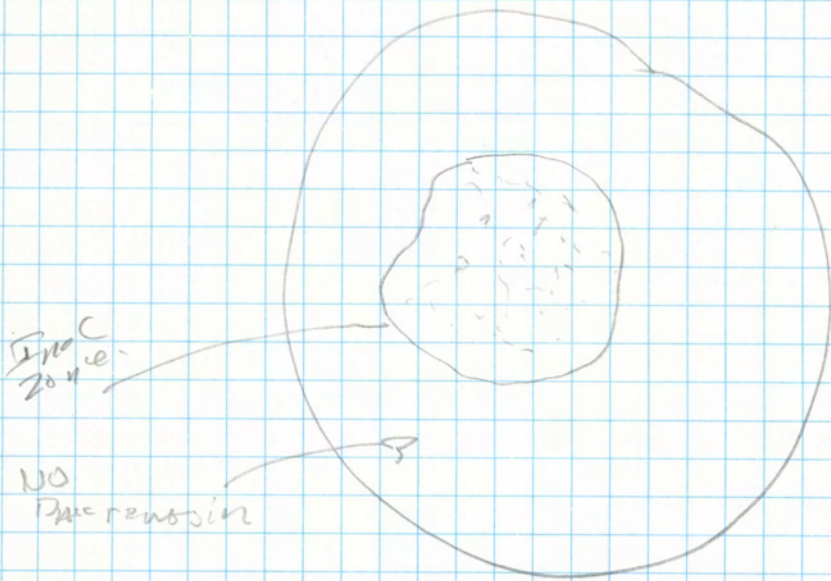
Control

Laurel 4004C Purified RNA on BBL c140 R plate.

Incubated 48 HR Dial - plus. @ 37°C + 5% CO₂

Cult Results

PASS 7 100 colonies
conclusion INTACT RNA



Zone C
zone

NO
transmission

Control 7 100 col.
400 4004C control source,
extract.

Lot. B-018

20 August 06

—

24 Aug 96

Chemistry

Fail

Calcium Acetate.

Con - 1M

Vol 100 ml DLR H₂O

1 ml sample used.

19 cc 98

Age 2 hrs

Urine Fresh Filtered.

American Filter for purification.

BBL choc II plates - Control mutant lot # B020

Incubate 48 hrs @ 37°C 5% CO₂

CT Result.

15 colonies

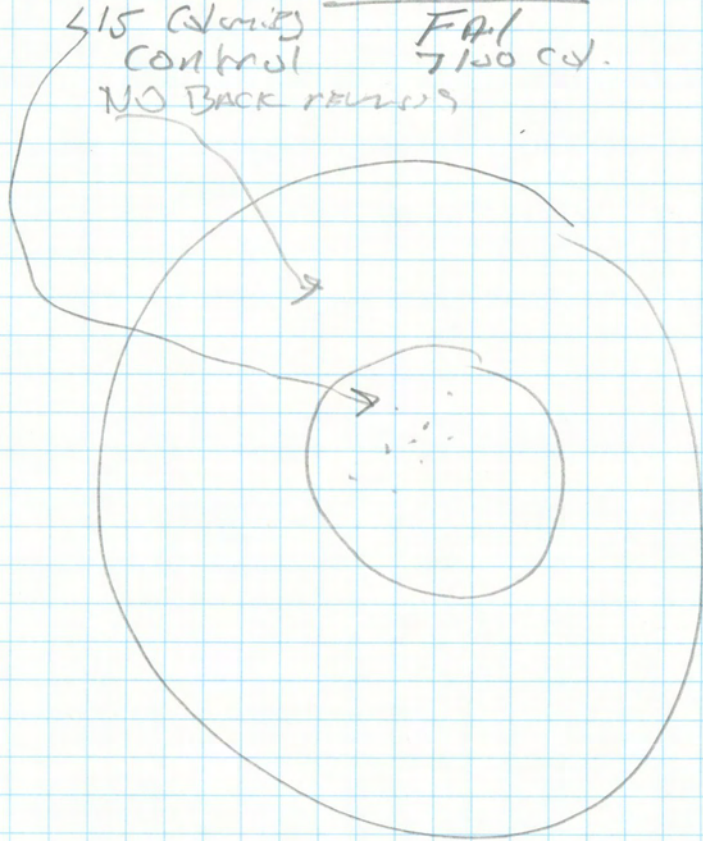
control

NO BACK REACTION

Fail

7100 col.

Fail



Control 7100 col
with 0.1%

TH

10 Sept 96

Chemistry: Caprylic Acid.

FAIL

Con- Jm.

Vol 100 ml

1 pg CDC 93 From stock

1 ml sample

Age 2 hrs @ 25°C

From Filtered urine.

Clean up - Amicon Filter.

1371 CDC II plates.

Countstat Model Lot # B-0900

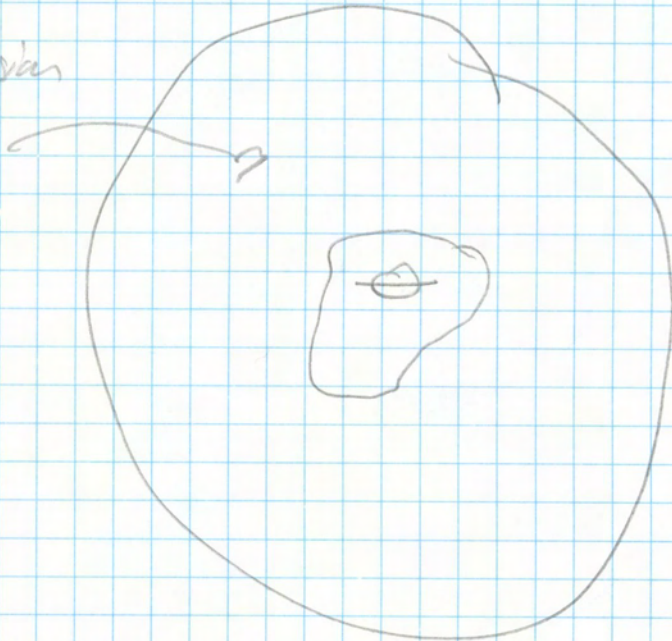
Inoculate 40 plates @ 300 5% CO₂

GTT Results

0 colonies

FAIL

NO
BACKMIXING



Control = 7/100 col
Lot # 09

—

12 Sept 08

Chemistry LAURYL SARCOSINE

CON 1M

Volume 100ml

1ml sample

1g CDC 98 target from stocks

Age 2 hrs

Urine Fresh Filtered

Amicon purification Filter 24 P100

PLATES BDL class II CANTOSTAT mutant Lot # B-020

Inoculation 400 µl EXTRA

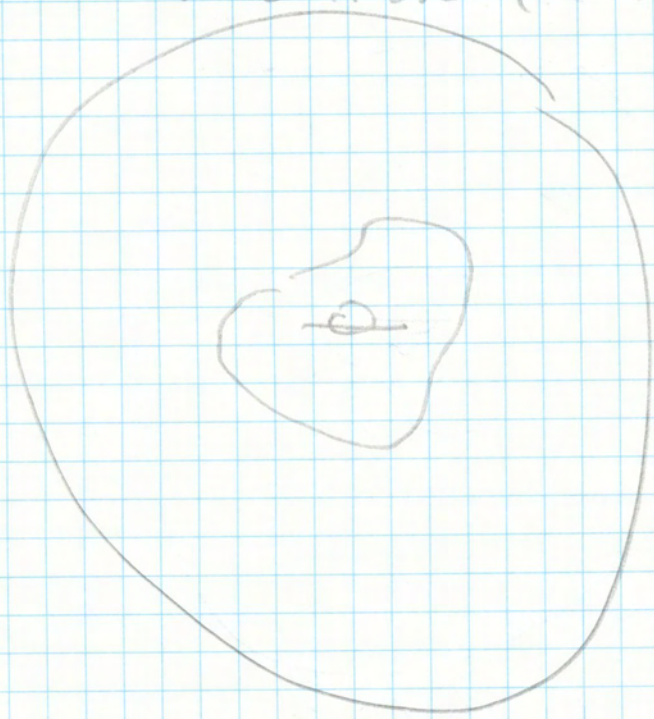
Inoculated 48 (10) C37E 37C

RESULTS.

0 Colonies

NO Backreaction

Fail



Control 7/0 Col.
lot # G19

~

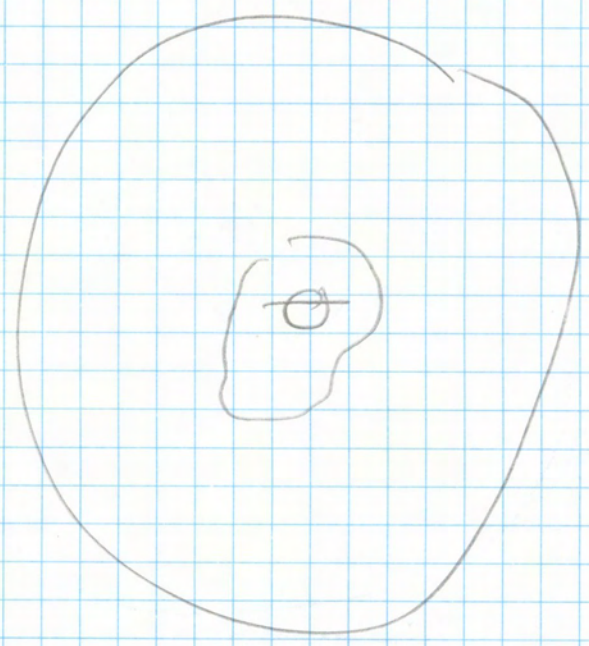
12 sept 96

Chemistry Polyvinyl Chloride

Con 1m.
 Vol 100 ml.
 pp cpc 98 From Fz store. 50
 Age 2 hrs
 Urine Fresh Flin 2p Fluor
 American Filter purification
 BSL class II path. Gonospat m/fmt. with B-GZO
 Incubation 400 ml Extract
 Incubated 48 hrs @ 37°C 5% CO₂

Results

4 colonies Fail
 NO Bacillus -



Control 7/100 col.
 hold/ag

v6

21 SEPT 06

CHEMISTRY: Sodium m-Periodate

CON - [M.]

Vol = 100 ml

1 ml sample

1 pg concn Fe stocks

Age 2 hrs

Urine Fresh Filtered 245/1111

Amicun purification Filter

Plates B10 CHC II

Colony count mutant lot H-0.020

Inoculum 100% Extra

Incubated 48 hrs

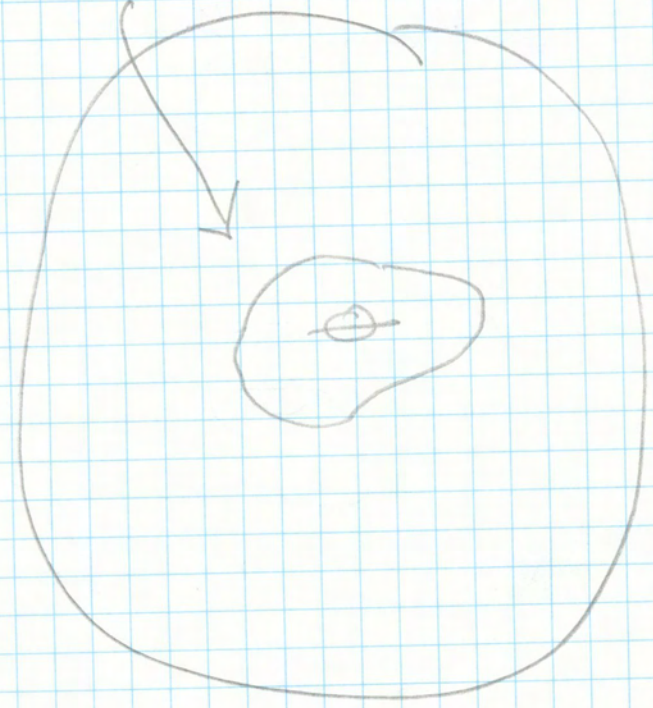
25% CO₂ +37°C

Results

H Colours

Fail

No Backscattering



Control 7/100

lot B-019

[Handwritten signature]

23 Sept 96

CHEMISTRY: TRICHLOROACETIC ACID

Con: 1 M.

Vol = 100 μ l.

1 μ l CDL 98 from F2 stocks.

Time 2 hrs.

Urine FRESH Filtered 2 μ Filter.

Amicon purification Filter.

PLATES BSL check Counted lot # B-020

Inoculum 100 μ l.

1ml Sample

30 μ l.

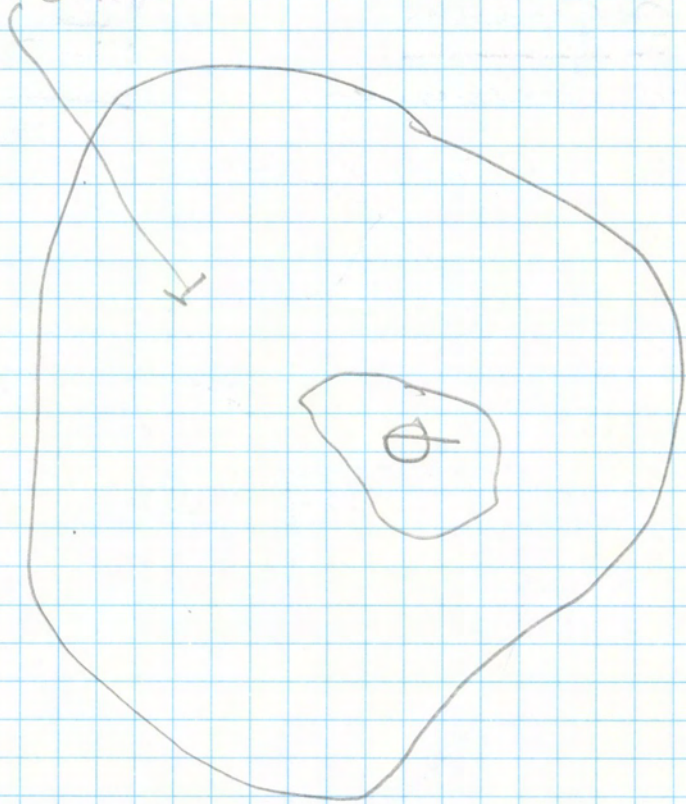
Incubated 48 hr @ 37°C

Results

0 colonies.

FAIL

NO Backcross



Control 7/100
lot B-019

27 Sept 96

CHEMISTRY: UREA

1 ml sample FAI

Con - 1 ml

Vol 100 ml

100 mg CDC 98 Protein Stock

5041

Agd 2 hrs @ 25°C

Urine From Filtered

Amies purification Filter

DIETES DBL C6C R

Conostat Nutrient Lot B-020

Inoculum 400 µl

Filteral size

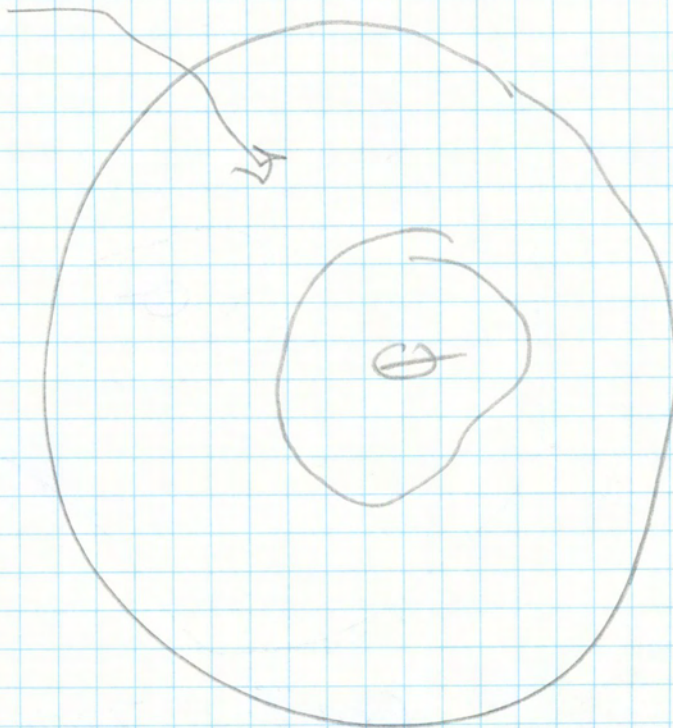
Incubated 48 hrs @ 37°C 5% CO₂

RESULTS

0 Growth

No Backreaction

FAI



Control 7/100
Lot #13-09

[Handwritten signature]

02 Oct 96

CHEMISTRY: Inocul.

FAIL

Con 1 M

Vol = 100 ml

Yp, CDC 98 From Extraction Control 2nd. 50%
Age - 2 hrs.

1ml sample...

Urine: Fresh Filtered.

2 µm can Purification Filter

Plates BBL ChC II 99%

Enoculum. 400 µl.

Control Lott. B-020

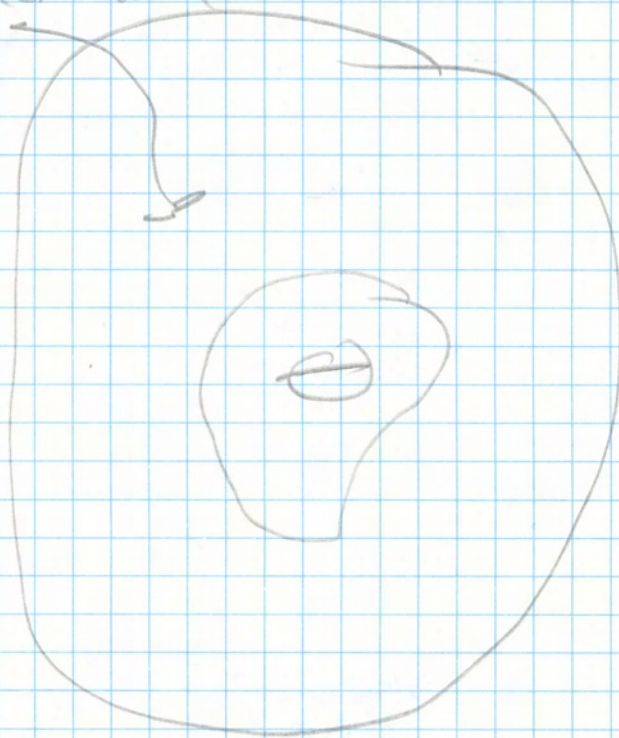
Inoculated 4/3/96 37°C 5% CO₂

RESULTS

7 Colonies

No Bacterium

FAIL



Control = 7/100

Lot # B-019

as outgo

TRASS

Chemistry Li-chloride.

CON-14.

Vol = 100 ml

1ml sample

1pc - Cocq8 from F₂ stock

50%

Age 2 hrs. @ 25°C

Amicon purification filter

PLATES BOKKOE II

Constant mutant host B-020

Incubation 400 yf

Filtered urine.

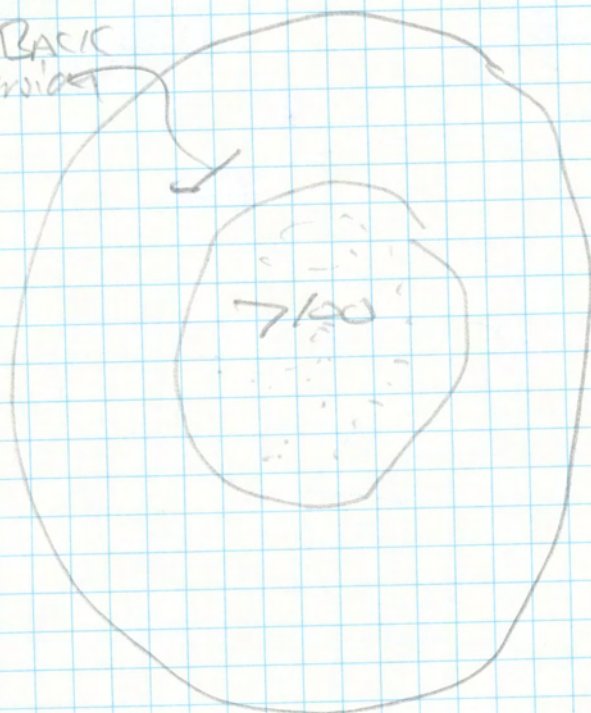
Incubated

48 hrs @ 37°C 5% CO₂

RESULTS

TRASS → 100 col.

NO BASIC
PROPERTIES



Control = 7/100
B-019

TR

08 Oct 96

CHEMISTRY Ammonium Thiocyanate

CON - 1 M.

Vol = 100 ml

1 ml CPC 98 from Fe stock 50%.

Pre 2 hrs @ 25°C

Ammonium purification Filter.

Plates B12L Choc II

Consistent Mutant Rys

Filtered urine

Inoculum: 400 µl

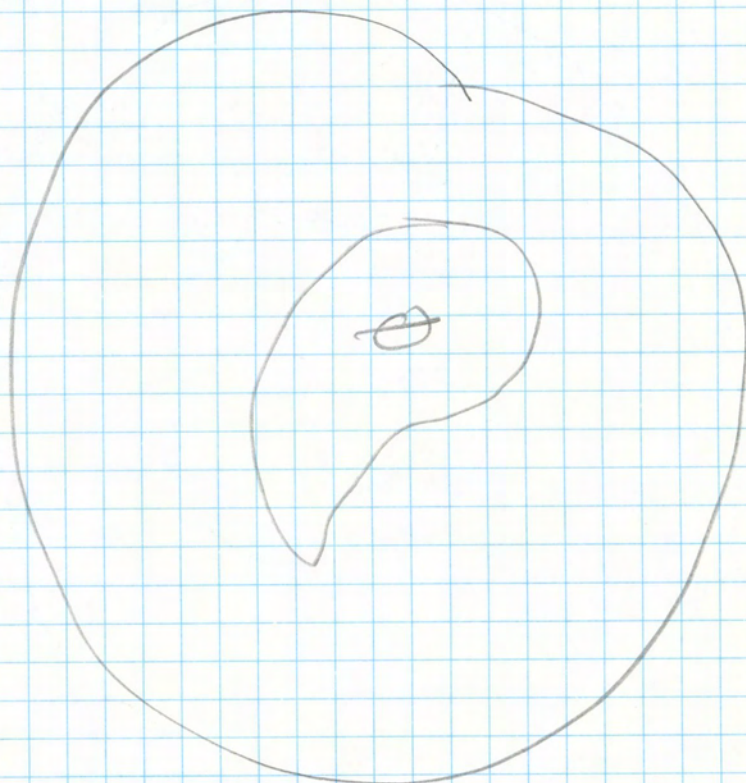
Lot# B-020

Incubated 48 hrs

Results

Fail 0 Colonies
NO BACK REVERSION

Fail



Control 7100 Colonies
Lot# B-019

111 15 Oct 96

CHEMISTRU: LITHIUM HEPARIN

PASS

Toxic to PCR

CON I.M.

Vol - 100 ml.

1 pg CDC 98 From F2 stock

1 ml sample.

50 yr sample.

AGE 2 hrs @ 25°C

Amicon purification Filter.

PLATE B32 check

Control lot # 13-020

Inoculum - 4/0 ul

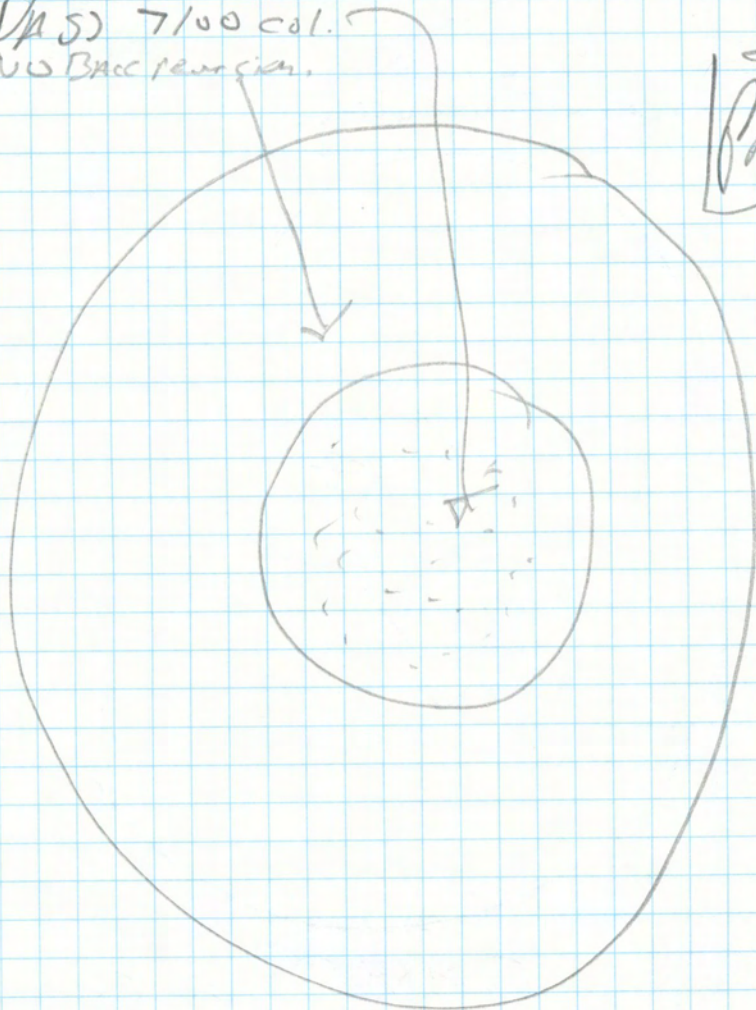
Filtrate urine.

RESULTS

Incubated 40/65 @ 37°C 5/6

PASS 7/100 col.
NO Bacc reaction.

PASS



Control 7/100 col.
13-019

T

21 Oct 96 Chemistry: FERRIC CHLORIDE

FAIL

CON-141

Vol 100 ml 1ml sample.

1pg CDC 98 F₂ sample.

50 yl. Extra

ADON CON Purification Filter.

CONSTAT Lot# B-020

PLATED BGL CHOC II

Inoculum - 400 yl.

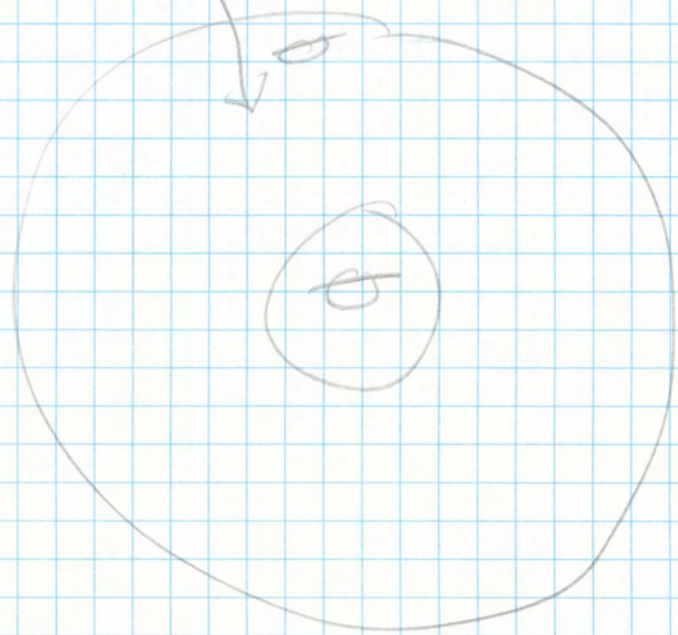
Filtered urine.

Inoculated 48 hrs. @ 37°C 5% CO₂

FAIL

NO growth or colour

NO BACKREVERSION



Controls 1/100 col.

B-019

25 Oct 96 CHEMISTRY: Sulfanilic Acid

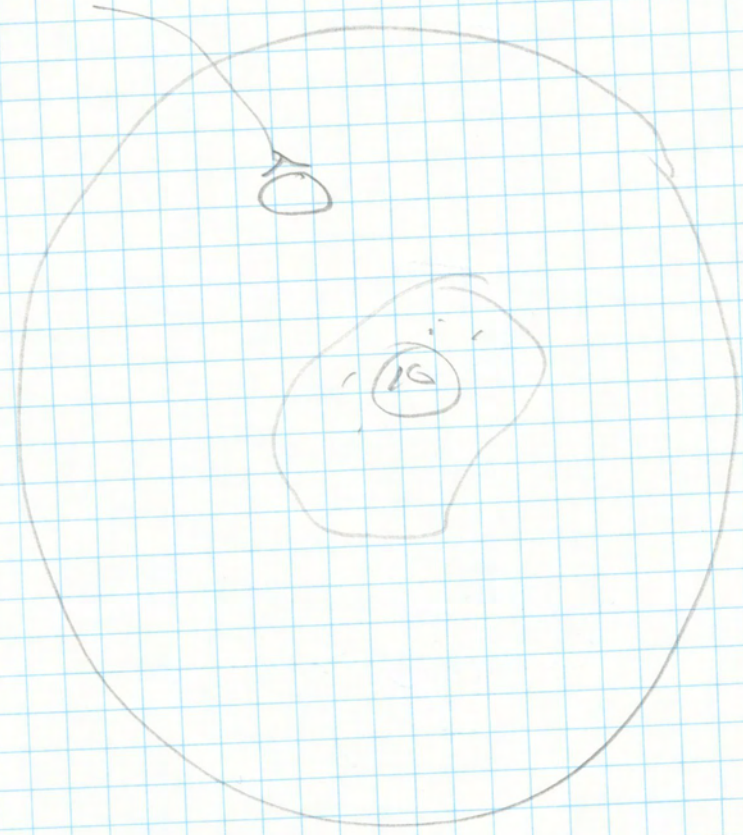
FAIL

CON 1M.
Vol 100 ml
1M CAC 98
1M PGE 2 H₂O
From F₂ stores.
1 ml sample
50 µl sample
Ami Con Filtrus purification
PIATES - BBL choc II
Inoculum 400 µl
Filtered urine.
mutant Lot # B-020
Incubated 48 hrs. 37°C 5% CO₂

RESULT

10 colonies
O Dark purple

FAIL



Control 7/100 col.
lot # B-019

12 Nov 78
Chesley

Ammonium Oxidate

FBI

CON-1M

Vol 100 ml.

1% CAC 98 From F2 stocks 50 g/l sample

Age 2 hrs.

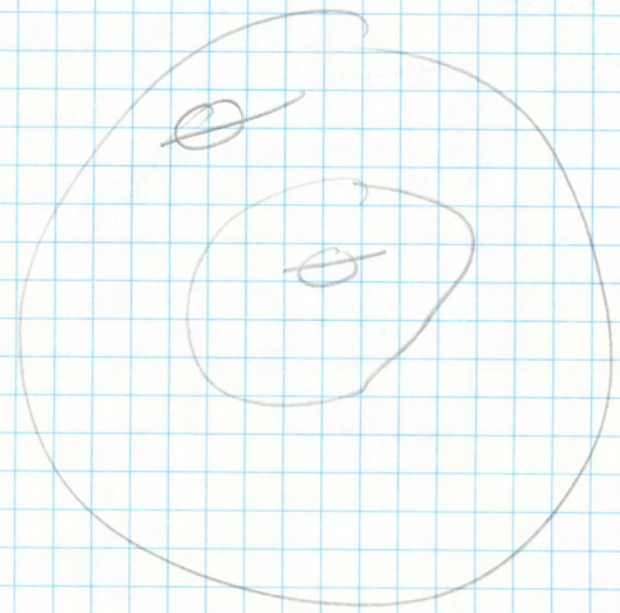
American purification filter:

MATES BBL CAC FF
Filtered yrile.

Mutant Lot # B-020
Incubated 48 hrs @ 37°C 5% CO₂

RESULTS

- Colours
- BACTERIAL



FBI

Controls > 100%
13-019

—

ISNOX 96
BARIUM CHLORIDE

FAIL

CON-1M

Vol 100 ml

1 ps CPC 9g

Age 2 Hour

Amicon Purification Filter

PLATES DBL CHOC II

INOCULUM 400 ul

Filtered urine

Incubated 48 hrs @ 27°C 5% CO₂

1 ml sample
Fresh Extract Pro 2 CA scrub

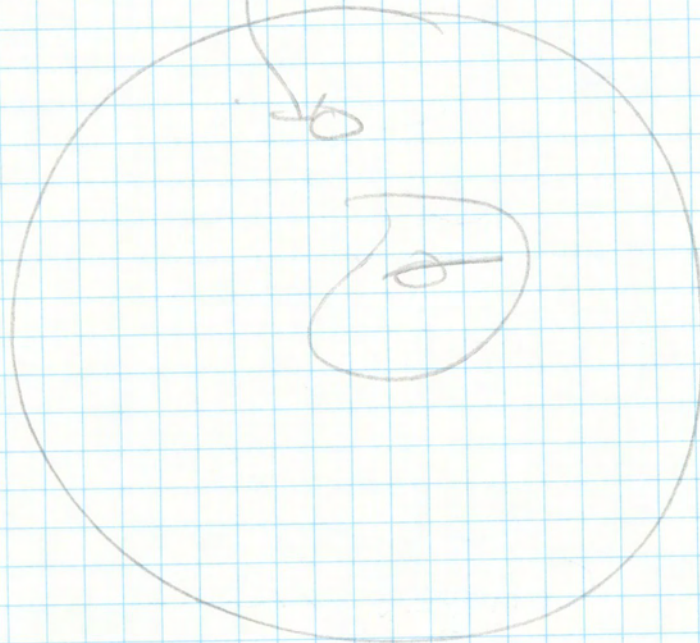
CRONOSAT nutrient

Lot # 13-020

RESULTS

FAIL

- Growth
- BACIGRAMS



Control > 100 col

13-019

10 Nov 96

Cesium Chloride

Fail

CON 1-M.

Vol - 100 ml.

1 kg Sample

1 g concn Fresh Extract From QA Samples

AGE 2 hrs.

Amicon Purification Filter

Two columns 400 ml.

PLATES BBH CHOCTHAPAL

Lot # B-030

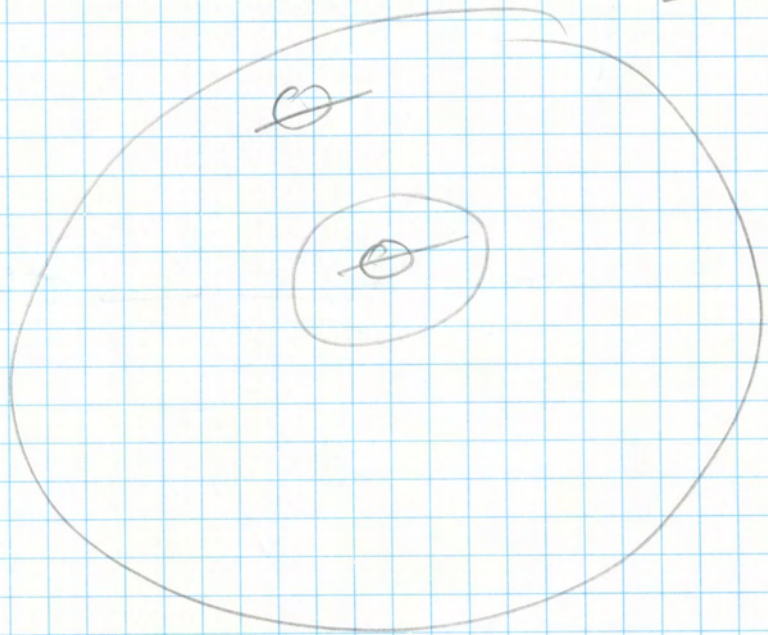
Filtered urine.

Inoculated 4 vials 37°C (5), CO₂

RESULTS

- Growth
- BACK REVERSION

Fail



Controls 7/100 Col.
Lot # B-030

22 NOV 98

GUANIDINE.

CAN-1M

VOL 100 ml

1g CD egg E stocks

Agar 2/15

Yeast BCL Choc #

American Purification Filters

Incubation 50°C

Filtered urine 2g

Incubated 1g 1h 5h

CO₂

RESULTS

7100 colonies

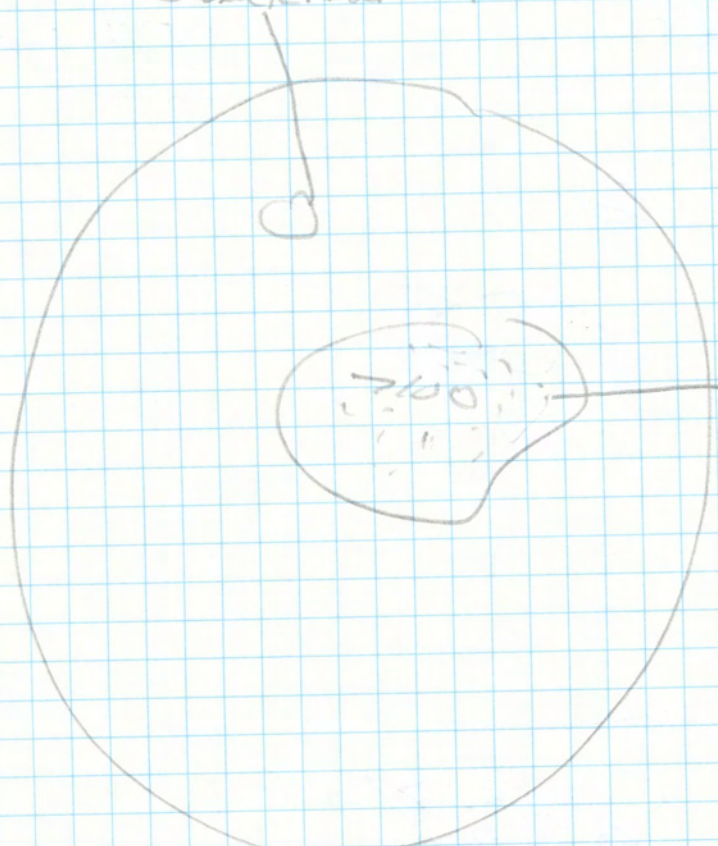
0 Back reaction

PASS

1 ml sample
50 µl

GONOSTAT method
Lot# B-020

PASS



Control Cell morphology

Controls: 7100 col
Lot# B-019

True

26 Nov 96 MAGNESIUM ACETATE

FAIL

CON-1M:

Vol. 100 ml

1 ml sample.

Filtered vial. 12

18 cpc 18 F₂ stocks.

Agar 2 Hours.

Antibiotic BBL chc II

Control mutant

Amicon Purification Filter

Lot # B-020

Inoculum 50%

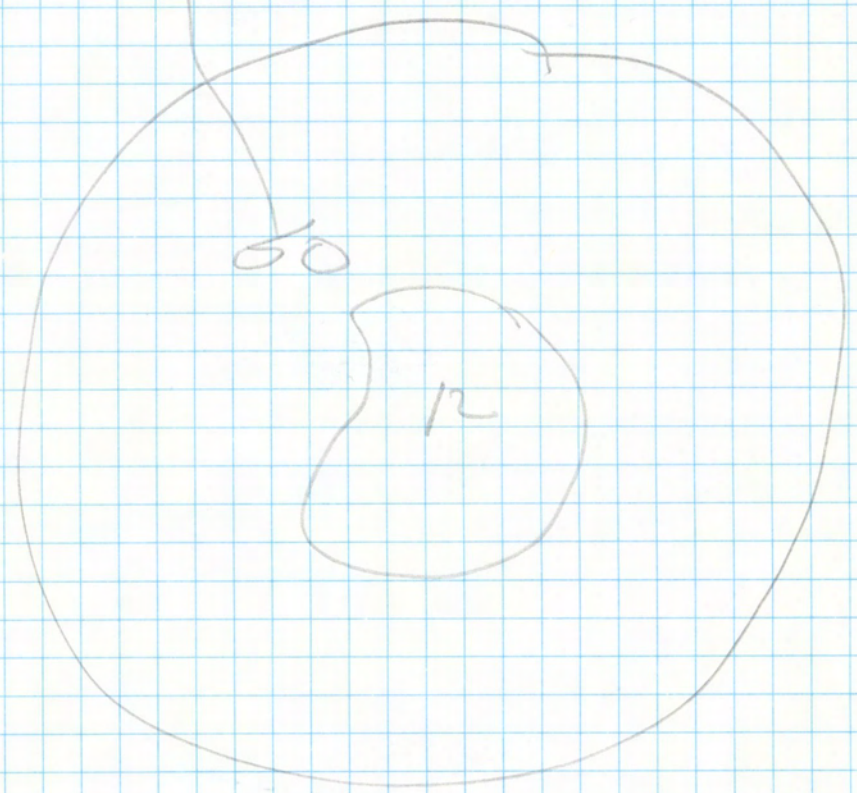
Incubated 40 hrs @ 37°C 5% CO₂

RESULTS

FAIL

12 colonies

↳ BACKBROTH



Controls > 100 cpc.

Lot # B-019

7/15/96

SODIUM SALICYLATE

PASS

CON - 1M
 VOL = 100 ML
 1.6 CDE 98 F₂ STOCKS
 AGED 2 HRS
 PLATES DBL CHITR
 FRESH FILTERED URINE
 100 μ l Urine
 Total tested 43 Hrs @ 37°C 5% CO₂

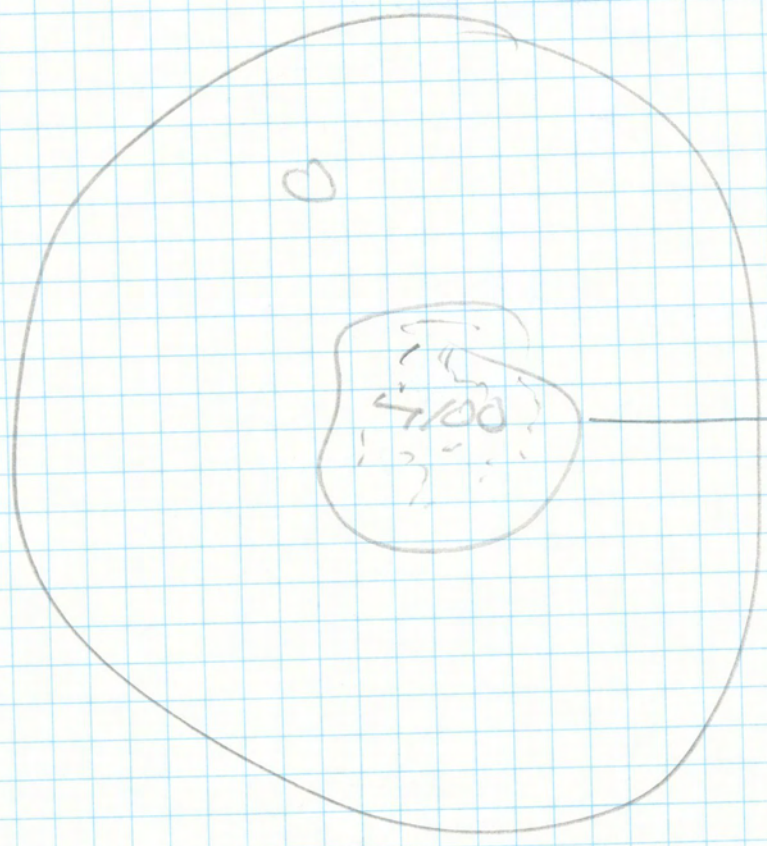
1 ml Sample
 50 μ l

CROCODAR Lot # B-020
 "

RESULTS

7100 Colonies
 O BACITRACIN

PASS



Control
 Cell Marking

Control \rightarrow 100
 B-019

4/1/22 C96 POTASSIUM ACETATE FAIL

Con - 1M.
Vol - 100 ml.
COC98 From FL Stock
Aged 2 hours.
PLATES BBL chct#
Fresh Filtered urine.

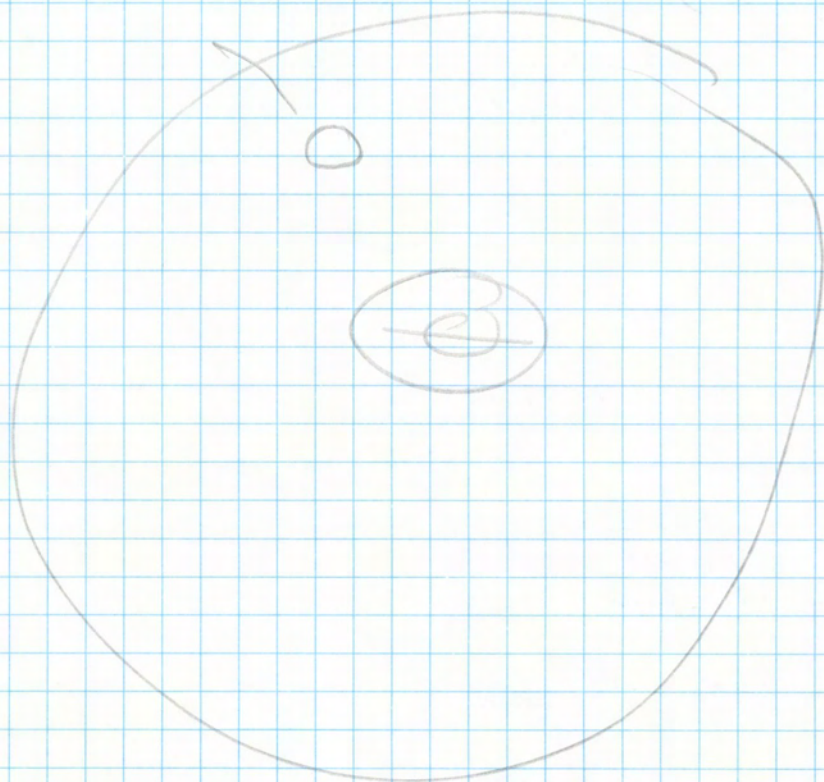
CONSTAT Lot# R220

400 ul sample.
Incubated 48 hrs @ 37°C

RESULTS

FAIL

- Colours
- BACK formation



Controls 7/00
B-019

05 DEC 96

MESO-TETRA (N-Methyl-4PYRIDYL) PYRPHYZIN

CON - 1 M
Vol - 100 ml

AGED 2 HRS
FRESH Filtered Urine
PLATES BBL CHOCTI AGAR
Ami con purification FILTER

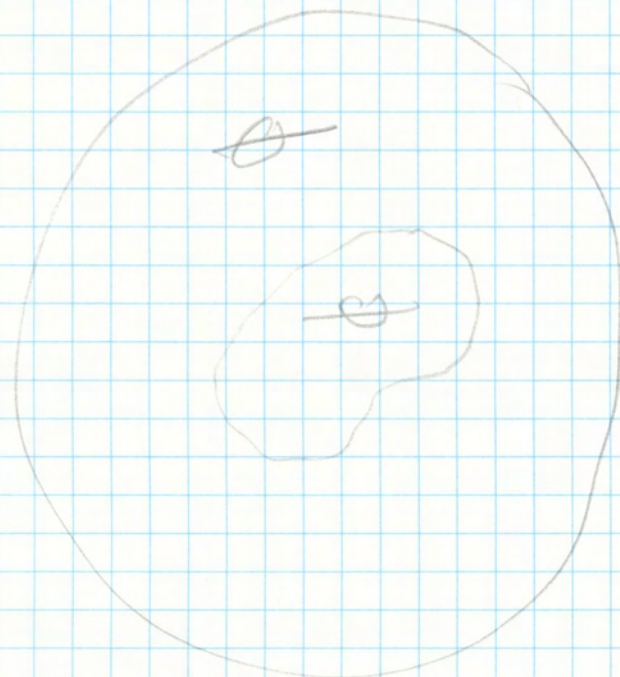
400 ul sample
1 pk conc 98% ESTER
RESULTS

- Growth
- BACK REACTION

Fail

INSTANT LATE B-020

Incubated 48 HRS @ 37°C
5/1/02



Fail

CONTROL 7/00
B-019

TRIFLAMETHYL AMMONIUM CHLORIDE

10 DEC 96
CON - 1M
VOL = 100 ml
AGED 2 HRS -
FRESH URINE
PLATES BBL 200 BBL
AMICON Purification Filter
400 ml sample
CDE 98 From fe stores -
Inoculated
48 HRS

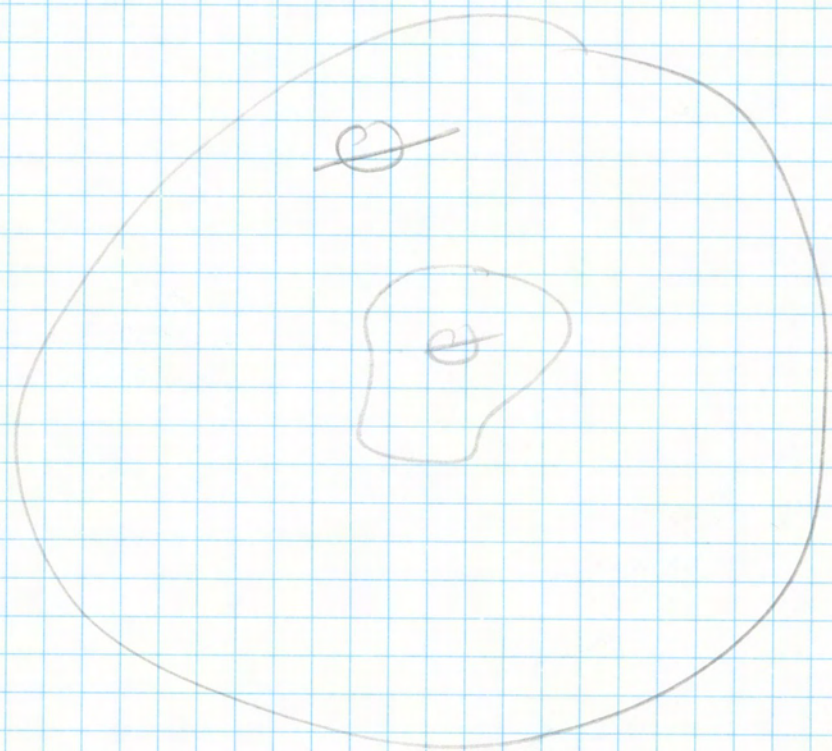
1 ml Sample (Fail)

CONSTANT MUTANT
Lot # B-046

RESULTS

Fail

- Growth
- Back-reversion



CONTROL 5 = 7/100 GI.
Lot # B-019

12 DEC 96

SODIUM PERYCHLORATE

PASS

CON - 1 M.

Vol - 100 ml

1 pg CDC 980 f₂ stock.

AS 30 2 hrs

FRESH Filtered urine.

PLATES BBA CHECKS

American purification filter

1000 µl sample.

Incubated 48 hrs @ 37°C
5/100

400 µl sample.

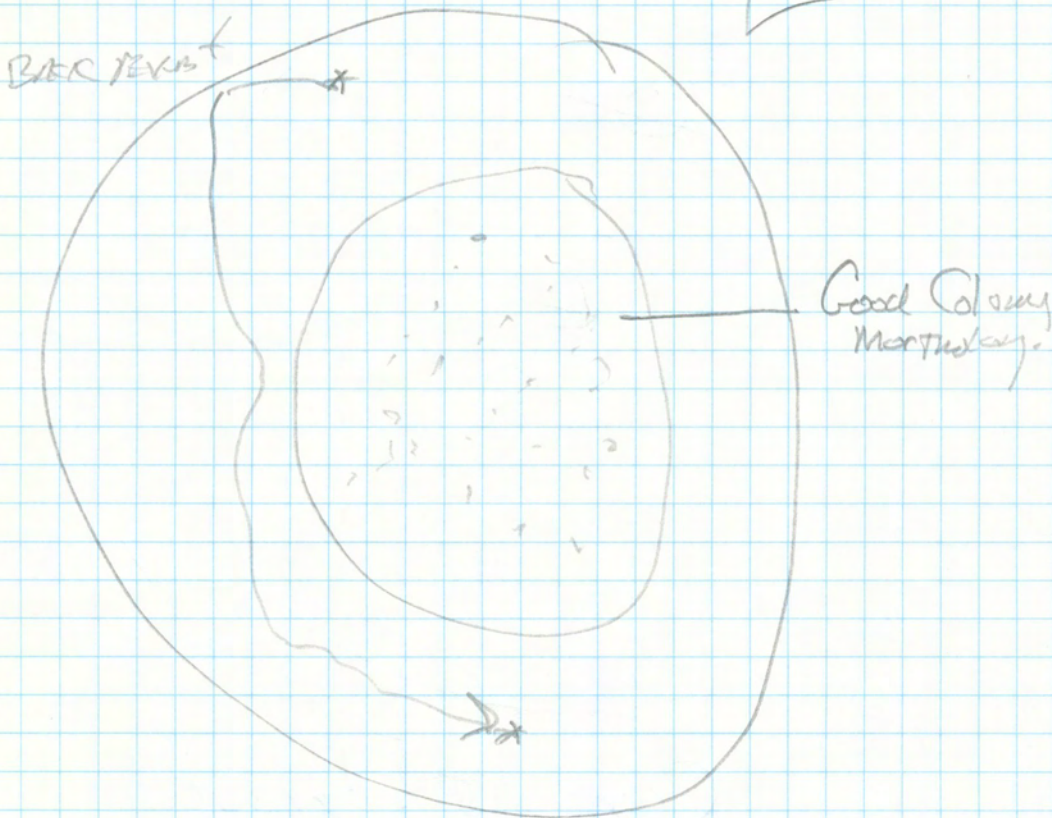
Conduct test
Mutant # B-076

RESULTS

Overnight 7/00 col.

2 BACK row mutants

PASS



Controls

7/00 col.
13-019

1 BACK row.

UREA

Failed

Con 1M.
Vol - 100 ml
1M CPC 98 f2 FROZEN

FRESH Filtrated urine .27 F.

PLATES BBL abc II

Amicon purification filter

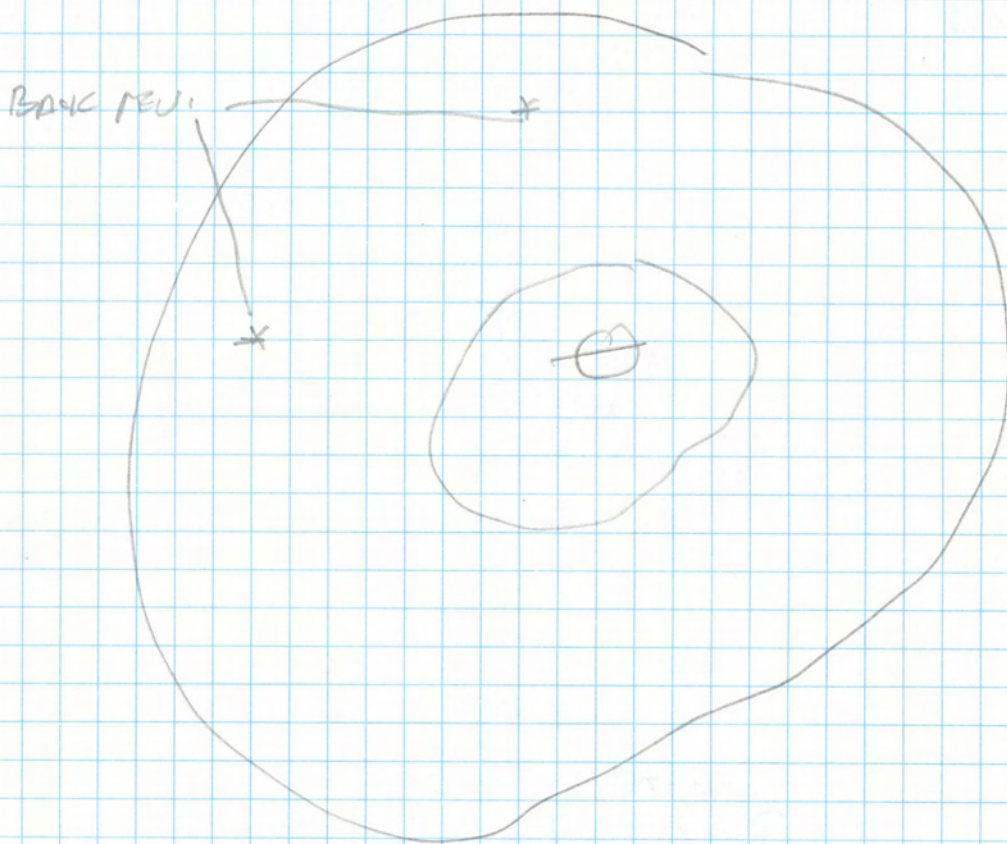
Failed

Amicon purification filter

Incubated 48 hrs @ 37°C 5% CO₂ LOT# B-09

PREV 15

grown in
BASIC MEDIA 2



Controls
7/100
B-019

2 BASIC MEDIA

100 mg c 98

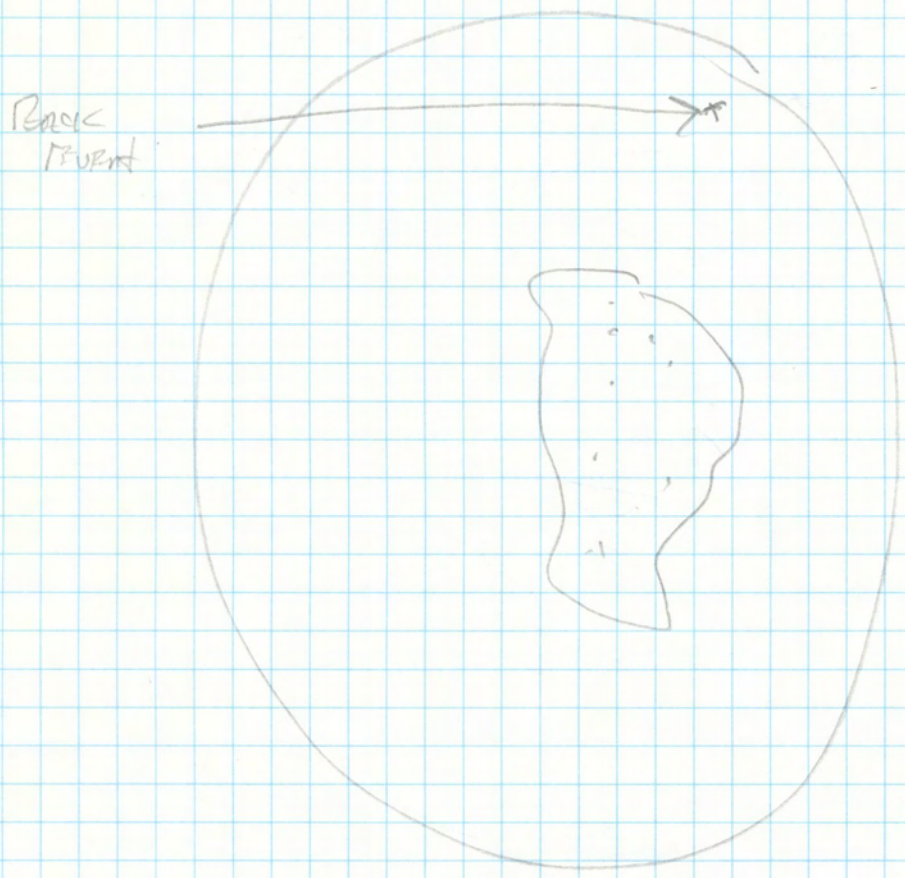
ZINC CHLORIDE

CON-1M
 Vol - 100 ml
 1% concn for stock
 Fresh Filtered urine 2 ml
 Amicon purification filter
 PLATES BBI Ciba II
 Aged 2 hrs.
 Incubated @ 4 hrs @ 37°C 5% CO₂
 100 µl sample.

Metrol
Lot # B046

Control 21 col.
1 Background

RESULTS



Control 7/00
 Background 1
 Lot # B-049.

Handwritten signature

19 DEC 96 SODIUM TUNGSTATE PASS

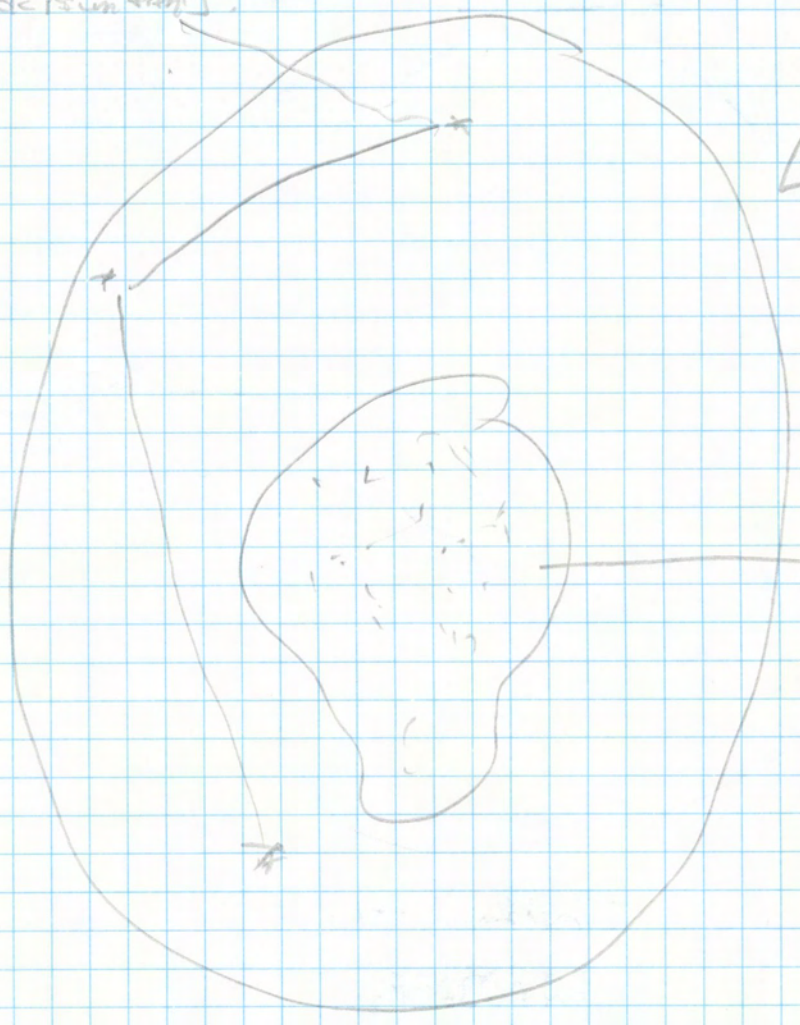
CON - 14.
Vol - 100 ml
MIC 98 f stock
FRESH Filtered urine.
AMMON purification FILTER
PLATES DRY CHECK
Inoculated 400 μ l
Inoculated 48 hrs @ 37°C 5% CO₂

1m Sample

mutant
not

RESULTS

Growth > 100
3 back countants



PASS

Excellent
Colony
morphology

REPEAT TEST