18/06/2018

- Prepared M9+G+CS and M9+G broths for supernatant test. (6 sets each)
- Whatman paper strips autoclaved
- Gel loading practice
- Interlab practice
- Requirements for sustainability autoclaved.
- Readings of supernatant taken in triplicates on plate reader

19/06/2018

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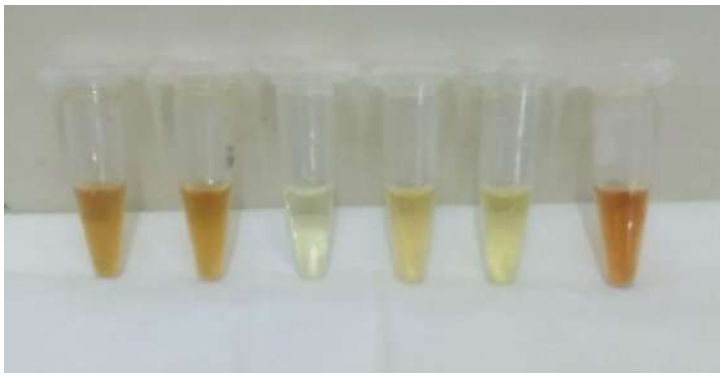
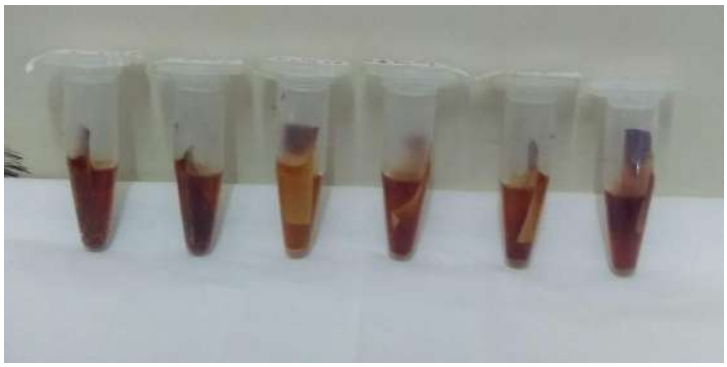
1. Sustainability test
2. Gel loading practice
3. Supernatant collection batch 4
4. Inoculation of broths for 5 th batch of supernatant for PAGE
5. Tannic acid degradation set up
6. Inoculation of cat A and xyl E in M9+ G+ CS broth for enrichment

22/06/2018

- Readings for catechu strips dipped in supernatant.
- Plasmid prep
- Dilutions practice

Results:

- Results for Catechu strips
  Original Colour of the supernatant

Original Colour of the supernatant	Colour after dipping the catechu strips
	

Since the supernatant has changed colour after dipping the catechu strips. We cannot conclude that the decolourization of the catechu extract on thre strips is because of enzyme activity. The assay has therefore failed but the tubes have been further incubated.

- Graphs and readings of the dilution practice have been added to the doc separately.

23/06/18

- Electrophoresis step in plasmid prep of following strains was carried out by MR,NP,AR :-

1. pBR322
2. Cat A
3. Xyl E
4. S2C1 i.e *Klebsiella pneumoniae*

- Requirements for catechu degradation experiment were prepared by SS,KP.
- Dilution practice was done in 96 well plate using crystal violet and distilled water by SA,MP,AV.
- Readings of tannic acid degradation were taken on ELISA plate reader by SS,KP.

- E.coli was passed on st.Nutrient Agar slant for Interlab Viable count practice by SA.
- Results of streaking of Cat A and Xyl E on M9+G+CS plates were observed.

Results :

- Cat A and Xyl E both showed considerable zone of clearance on M9+G+CS plates.

Cat A	Xyl E
	

- Dilution practice results
  Interlab dilution practice

- Electrophoresis results
- Tannic acid experiment