



VetCLIN_AMR Christmas Newsletter

December 2024



News

Bacterial isolates for standardised AST testing

Thank you to all of you who have been sending bacterial isolates for the project. We now have lots of isolates for MIC testing but to get a good temporal representation of isolates tested, we would like to keep collecting from all collaborating laboratories, although in smaller numbers. If possible, please keep sending small batches. We will provide further details of “ideal small numbers” in the New Year.



Proficiency testing scheme

We are working hard to get the proficiency testing scheme rolled out in the New Year. Shirley has emailed MTAs to cover the isolates we will send you as part of the scheme. If you want to take part, please return this to Shirley and if you haven't received one - please get in touch.

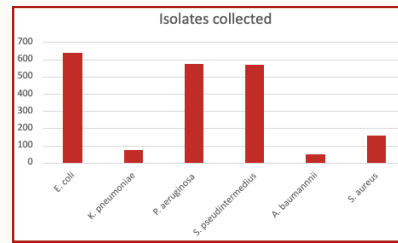


AMR gene PCR testing

We are now ready to test selected isolates for AMR genes using PCR. If you have any concerning MDR isolates, please include them with the isolates sent for the project with a “MDR warning” note. We can test a small number for each lab free of charge, and will feed-back the results in a timely manner if isolates are carriers of important AMR resistance genes (e.g. ESBL, AmpC, carbapenem resistance).

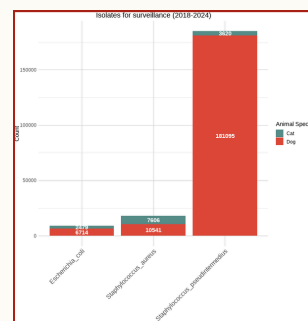
Results

AST methodology harmonisation



- The project has now collected over 2000 isolates
- 300 isolates have been sent for whole genome sequencing
- Testing of *E. coli*/*S. pseudintermedius* and *S. aureus* using MIC plates has begun.

Surveillance data



Data from 5 labs has now been cleaned. Information from over 100,000 isolates of *E. coli*/*Staphs* is now available for surveillance.

Contact Info

Email: shirley@liverpool.ac.uk

Thank you immensely to everyone who has contributed to the project this year. We would like to wish you all a Merry Christmas and a Happy New Year

