



AURIGENE

PHARMACEUTICAL SERVICES



Microbiology

Capabilities for anti-bacterial and anti-fungal *in vitro* assays along with murine infection models

Integrated Drug Discovery | BSL-2 compliant facility | US FDA audited

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 European Union: +32 471 808710

We offer wide range of **anti-bacterial and anti-fungal services to meet your scientific needs**

Why Aurigene?



Wide range of murine bacterial & fungal infection models and *in vitro* microbiology assay capabilities



Highly qualified and experienced team of scientists



BSL-2 compliant microbiology lab



Experienced in regulatory submissions

Capabilities:

Antibiotic Susceptibility Testing:

Minimum Inhibitory Concentration (MIC), Minimum Bactericidal Concentration (MBC), Broth micro-dilution, broth macro-dilution, disk diffusion and agar dilution tests conducted in accordance with CLSI guidelines with IBSC approvals.

In vitro Assays:

Time Kill Kinetics, Post-antibiotic effect, Post antibiotic sub-MIC effect against strains of *Staphylococcus aureus*, *Enterococcus faecalis*, *Pseudomonas aeruginosa*, *Escherichia coli*, *Enterobacter* spp., *Klebsiella pneumoniae*, *Acinetobacter* spp. etc.

Murine Infection Models:

Systemic infection, respiratory tract infection, thigh infection model and organ burden model in CD1 or BALB/c mice with IAEC approved experimental protocols.

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