	Gram Positive	Gram Negative
Colour on Gram Stain Thickness of peptidoglacaolayer Outer membrane	BLUE tesale.co.uk	PINK
Thickness of peptidoglecableyer	50nm wide	10% of cell wall
Outer membrane	NO	YES
Type of crosslinks in peptidoglycan	Occurs through short peptide interbridge	Formed by peptide bond from amino group of DAP of glycan chain to carboxyl group of terminal D-alanine on adjacent glycan chain
Example of species	Staphylococcus aureus	Escherichia coli
Symptoms associated	Staphylococcal food poisoning, presents with more prominent severe vomiting than diarrhoea. Apparent after 1-8hrs rapid incubation period	Traveller's diarrhoea, UTI, neonatal meningitis. Only cause diarrhoea
How to Gram stain	Smear onto slide, stain with crystal violet, add iodine	Smear onto slide, stain with crystal violet, add iodine, wash with organic solvent (counterstained with safranin)