

Dilution	Agar Type	# of Colonies on Plate		Conversion Factor		Colonies/mL
10⁻³	nutrient	~ 1000		x 10³		1,000,000
10⁻⁵	nutrient	~ 400		x 10⁵		40,000,000
10⁻⁷	nutrient	~ 200		x 10⁷		2,000,000,000
10⁻⁹	nutrient	~ 60		x 10⁹		60,000,000,000
10⁻³	nutrient+tet	~ 100		x 10³		100,000
10⁻⁵	nutrient+tet	~ 80		x 10⁵		8,000,000
10⁻⁷	nutrient+tet	~ 56		x 10⁷		560,000,000
410⁻⁹	nutrient+tet	7		x 10⁹		7,000,000,000