

Technical Datasheet

Analysis Name:	Gentamicin by Snap Kit
Method Number:	LIBR 068
Scope Application:	This instruction describes a method for determination of gentamicin by Snap kit.
Description:	<p>The SNAP® Test Kits are a receptor-binding assay for rapid detection of antibiotics in raw milk. It uses the lateral flow or immunochromatography technology.</p> <p>The SNAP® Test Kit is an enzyme-linked immunoassay in which antibiotics are captured by a binding protein on a solid support (absorbent matrix) housed in a plastic unit. The milk sample is added into a test tube containing the enzyme-conjugate receptor reagent pellet and is incubated in the test tube for several minutes. The sample solution is then added to the sample well; the sample flows through the absorbent matrix, containing the immobilized analyte: the control and sample spots become white. The flow of the sample begins to turn also the activation circle from colour to white. The activator button is pushed (=snap) when the flow arrives in the middle of the activation circle (when the colour begins to disappear)</p>
Sample Weight Required:	100 g
Method Reference:	-
Analytical Platform:	Visual
Special Information:	Qualitative method. Method not accredited.

Analyte Reported	Alias	Unit of Measure	Typical Limit of Quantification	Uncertainty
Gentamicine	-	µg/kg	30	Not applicable.