

Simulated Urine Sample Properties

	LK3.01	LK3.02	LK3.03	LK3.04	LK3.05
Description	Normal	Low	High	Glucose	Protein
Colour	yellow to amber	colourless to pale yellow	colourless to brown	colourless	dark orange
pH¹	4.6 – 8.0	< 4.6	> 8.0	< 4.6	> 8.0
Specific Gravity²	1.010 – 1.025	< 1.010	> 1.025	> 1.025	> 1.025
Glucose³	negative	negative	positive	positive	negative
Protein⁴	negative	negative	positive	negative	positive

1. pH can be measured with a pH meter or tester, but is usually measured with pH indicator strips such as product code G6.601.
2. Specific Gravity (SG) is tested with a hydrometer such as product code LK3.10.
3. Glucose is tested with an indicator strip. A negative result will show no detectable glucose in the sample. A positive result will show some level of glucose in the sample. If you are using a quantitative or semi-quantitative test strip, you can take a measure of the glucose concentration in the sample. Suitable test strips include product codes G10.46, G10.44 and G10.45.
4. Protein is tested with an indicator strip. A negative result will show no detectable protein in the sample. A positive result will show some level of protein in the sample. If you are using a quantitative or semi-quantitative test strip, you can take a measure of the protein concentration in the sample. Suitable test strips include product codes G10.44 and G10.45.

Note: You can use product code G10.44 to measure glucose and protein simultaneously, and you can use G10.45 to measure pH, glucose and protein simultaneously.