

palmdoc testing strips (Palmdoc Ltd)
50 strip • NHS indicative price = £5.90 • Drug Tariff (Part IXr)

Blood ketones testing strips

• BLOOD KETONES TESTING STRIPS

4SURE beta-ketone testing strips (Nipro Diagnostics (UK) Ltd) | 10 strip • NHS indicative price = £9.92 • Drug Tariff (Part IXr)

Fora Advanced pro GD40 Ketone testing strips (B.Braun Medical Ltd) | 10 strip • NHS indicative price = £9.25 • Drug Tariff (Part IXr)

FreeStyle Optium H beta-ketone testing strips (Abbott Laboratories Ltd) | 10 strip • No NHS indicative price available • Drug Tariff (Part IXr)

FreeStyle Optium beta-ketone testing strips (Abbott Laboratories Ltd) | 10 strip • NHS indicative price = £21.94 • Drug Tariff (Part IXr)

FreeStyle Precision Pro beta-ketone testing strips (Abbott Laboratories Ltd) | 50 strip • No NHS indicative price available

GlucoMen LX beta-ketone testing strips (A. Menarini Diagnostics Ltd) | 10 strip • NHS indicative price = £21.06 • Drug Tariff (Part IXr)

GlucoMen areo Ketone Sensor testing strips (A. Menarini Diagnostics Ltd) | 10 strip • NHS indicative price = £9.95 • Drug Tariff (Part IXr)

GlucoRx HCT Ketone testing strips (GlucoRx Ltd) | 10 strip • NHS indicative price = £9.95 • Drug Tariff (Part IXr)

KetoSens testing strips (Spirit Healthcare Ltd) | 10 strip • NHS indicative price = £9.95 • Drug Tariff (Part IXr)

StatStrip beta-ketone testing strips (Nova Biomedical) | 50 strip • No NHS indicative price available

Xceed Precision Pro beta-ketone testing strips (Abbott Laboratories Ltd) | 10 strip • No NHS indicative price available • Drug Tariff (Part IXr) | 50 strip • No NHS indicative price available | 100 strip • No NHS indicative price available

Glucose interstitial fluid detection sensors

• GLUCOSE INTERSTITIAL FLUID DETECTION SENSORS

FreeStyle Libre Sensor (Abbott Laboratories Ltd)
1 kit • NHS indicative price = £35.00 • Drug Tariff (Part IXa)

Hypodermic insulin injection pens

• HYPODERMIC INSULIN INJECTION PENS

AUTOPEN[®] 24

Autopen[®] 24 (for use with Sanofi- Aventis 3-mL insulin cartridges), allowing 1-unit dosage adjustment, max. 21 units (single-unit version) or 2-unit dosage adjustment, max. 42 units (2- unit version).

Autopen 24 hypodermic insulin injection pen reusable for 3ml cartridge 1 unit dial up / range 1-21 units (Owen Mumford Ltd)
1 device • NHS indicative price = £16.89 • Drug Tariff (Part IXa)

Autopen 24 hypodermic insulin injection pen reusable for 3ml cartridge 2 unit dial up / range 2-42 units (Owen Mumford Ltd)
1 device • NHS indicative price = £16.89 • Drug Tariff (Part IXa)

AUTOPEN[®] CLASSIC

Autopen[®] Classic (for use with Lilly and Wockhardt 3-mL insulin cartridges), allowing 1-unit dosage adjustment, max. 21 units (single-unit version) or 2-unit dosage adjustment, max. 42 units (2-unit version).

Autopen Classic hypodermic insulin injection pen reusable for 3ml cartridge 1 unit dial up / range 1-21 units (Owen Mumford Ltd)
1 device • NHS indicative price = £17.15 • Drug Tariff (Part IXa)

Autopen Classic hypodermic insulin injection pen reusable for 3ml cartridge 2 unit dial up / range 2-42 units (Owen Mumford Ltd)
1 device • NHS indicative price = £17.15 • Drug Tariff (Part IXa)

CLIKSTAR[®]

For use with **Lantus[®]**, **Apidra[®]**, and **Insuman[®]** 3-mL insulin cartridges; allowing 1-unit dose adjustment, max. 80 units.

HUMAPEN[®] LUXURA HD

For use with **Humulin[®]** and **Humalog[®]** 3-mL cartridges; allowing 0.5-unit dosage adjustment, max. 30 units.

HumaPen Luxura HD hypodermic insulin injection pen reusable for 3ml cartridge 0.5 unit dial up / range 1-30 units (Eli Lilly and Company Ltd)

1 device • NHS indicative price = £27.01 • Drug Tariff (Part IXa)

NOVOPEN[®] 4

For use with **Penfill[®]** 3-mL insulin cartridges; allowing 1-unit dosage adjustment, max. 60 units.

Needle free insulin delivery systems

• NEEDLE FREE INSULIN DELIVERY SYSTEMS

INSUJET[®]

For use with any 10-mL vial or 3-mL cartridge of insulin, allowing 1-unit dosage adjustment, max 40 units. Available as **starter set (Insulet[®] device, nozzle cap, nozzle and piston, 1 × 10-mL adaptor, 1 × 3-mL adaptor, 1 cartridge cap removal key, nozzle pack (15 nozzles), cartridge adaptor pack (15 adaptors), or vial adaptor pack (15 adaptors).**

Insulet starter set (Spirit Healthcare Ltd)

1 pack • NHS indicative price = £90.00 • Drug Tariff (Part IXa)

Urine glucose testing strips

• URINE GLUCOSE TESTING STRIPS

Diastix testing strips (Ascensia Diabetes Care UK Ltd)
50 strip • NHS indicative price = £2.89 • Drug Tariff (Part IXr)

Medi-Test Glucose testing strips (BHR Pharmaceuticals Ltd)
50 strip • NHS indicative price = £2.36 • Drug Tariff (Part IXr)

Urine ketone testing strips

• URINE KETONES TESTING STRIPS

GlucoRx KetoRx Sticks 2GK testing strips (GlucoRx Ltd)
50 strip • NHS indicative price = £2.25 • Drug Tariff (Part IXr)

Ketostix testing strips (Ascensia Diabetes Care UK Ltd)
50 strip • NHS indicative price = £3.06 • Drug Tariff (Part IXr)

Urine protein testing strips

• URINE PROTEIN TESTING STRIPS

Albustix testing strips (Siemens Medical Solutions Diagnostics Ltd)
50 strip • NHS indicative price = £4.10 • Drug Tariff (Part IXr)

Medi-Test Protein 2 testing strips (BHR Pharmaceuticals Ltd)
50 strip • NHS indicative price = £3.31 • Drug Tariff (Part IXr)

3.2 Hypoglycaemia

Hypoglycaemia

20-Apr-2020

Description of condition

Hypoglycaemia is a lower than normal blood-glucose concentration. It results from an imbalance between glucose supply, glucose utilisation, and existing insulin concentration. It can be defined as 'mild' if the episode is self-treated and 'severe' if assistance is required. For the purposes of hospital inpatients diagnosed with diabetes, anyone with a blood-glucose concentration less than 4 mmol/litre should be treated.

Hypoglycaemia is the most common side-effect of insulin and sulfonylureas in the treatment of all types of diabetes mellitus and presents a major barrier to satisfactory long-term glycaemic control. Metformin hydrochloride p. 730, pioglitazone p. 749, the dipeptidylpeptidase-4 inhibitors