

GLUCAGON

BRAND NAME	GLUCAGEN HYPOKIT
DRUG CLASS	Hyperglycaemic pancreatic hormone
AVAILABILITY	Vial contains 1 mg (1 international unit) of glucagon hydrochloride. Also contains lactose monohydrate, hydrochloric acid and sodium hydroxide. ¹ Supplied with a glass syringe containing 1 mL of water for injections. ¹
pH	2.5–3.5 when reconstituted ²
PREPARATION	Reconstitute the vial with 1 mL of the diluent provided. Shake gently until the powder is fully dissolved. ¹ The solution is clear and colourless. ¹
STABILITY	Vial: store below 25 °C. Do not freeze. Protect from light. ¹ Reconstituted solution: use immediately. ¹
ADMINISTRATION	
IM injection	Inject into the thigh, gluteal or deltoid muscle. ¹
SUBCUT injection	Inject into the thigh, buttocks or upper arm. ¹
IV injection	Inject undiluted over at least 1 minute. ²
IV infusion	Not recommended. ³
IV use for infants and children	Give by IM, SC or IV injection. For continuous infusion dilute with glucose 5%. The maximum rate is 50 microgram/kg/hour. ⁴
COMPATIBILITY	
Fluids	Glucose 5% ⁵ , sodium chloride 0.9% ⁵
Y-site	No information
INCOMPATIBILITY	
Fluids	No information
Drugs	No information
SPECIAL NOTES	After the patient has responded to glucagon injection give oral carbohydrate to prevent secondary hypoglycaemia. ¹ When used in the treatment of severe hypoglycaemia, the patient usually responds within 10 minutes. ¹ The syringe cap included in the GlucaGen HypoKit contains natural rubber latex and should not be handled by persons who are sensitive or allergic to latex. ¹

REFERENCES

1. Product information. Available from www.tga.gov.au. Accessed 08/11/2019.
2. Glucagon. US prescribing information. Lake Zurich, IL: Fresenius Kabi. Approved 1998. Updated April 2016. Available from www.dailymed.nlm.nih.gov. Accessed 08/11/2019.
3. Toxicology: beta blockers [August 2020]. In: eTG complete [internet]. Melbourne: Therapeutic Guidelines Ltd; August 2020.
4. Paediatric Formulary Committee. BNF for children. Basingstoke, UK: Pharmaceutical Press; 2018-2019.
5. University College London Hospital. Pharmacy department. UCL hospitals injectable medicines administration guide. 3rd ed. Chichester, UK: Wiley Blackwell; 2010.