


# Impact Colostrum Supplement

	Impact Colostrum Supplement	Analysis	
	To aid the immune function of newborn mammals and marsupial joeys. Contains high levels of immunoglobulins and anti-bacterials that may provide immunity and intestinal protection to young animals. <b>Pack size: 25g, 100g, 250g, 500g.</b>	Protein	60%
		Fat	6%
		Carbohydrate	20%
		Immunoglobulin	75g/kg

## Immunity in Marsupials

Young marsupials receive immune protection from immunoglobulins present in their mother's milk. Evidence suggests that there are low levels of immunoglobulins in the milk throughout much of lactation, with a spike around the time of first pouch emergence, when the young are first exposed to new pathogens in the environment. Therefore the period available for immune transfer from the milk is much longer in marsupials than the short colostrum phase seen in most other mammals. However when orphaned joeys come into care, immunity derived from the mother's milk can deplete significantly after 7 days and may be completely gone by 4-6 weeks. This may be a significant contributing factor to disease in hand-reared joeys. There is strong evidence that the antimicrobial proteins in bovine colostrum are effective against a number of common pathogens across a range of species, and there is long-standing anecdotal support for its beneficial effect in marsupial joeys.

## Using Impact for Marsupials

**Impact** is ideally fed to orphaned marsupials within a week of first coming into care, particularly for those animals with a compromised immune system. **Impact** may be fed as either a daily **Maintenance Dose** or a short-term **Concentrated Dose**.

**Maintenance Dose:** Add 1g of **Impact** powder (1 moderately heaped spoon) per 100mL of milk fed, repeated daily as required. Use as a preventative measure to provide a constant low-dose of immune support during care.

**Concentrated Dose:** Add 5g of **Impact** powder per 100mL of milk fed. Repeat for up to 5 days, every 4 weeks, as necessary. Ensure joeys are well hydrated prior to feeding. Use when animals initially come into care, for sick or stressed animals, or just prior to first pouch emergence (Age Factor of 0.6).