

2 (d)

DRI Pro: 56g/d

28 year old man
5'9"

1/14

135 pounds (UBW 155 lbs)
malabsorption

Protein needs?

MIFFLIN with UBW = 1995.03

MIFFLIN current weight: 1886.3

Peptamen AF

use

$$1886.31 = 1571.925 \text{ ml}$$

$$1.2 \text{ Kcal/ml}$$

$$\frac{76}{1000 \text{ ml}} = \frac{56}{x} = 736.84 \text{ ml}$$

$$56 \text{g} \times 4 = 224 \text{ Kcal}$$
$$\frac{224 \text{ Kcal}}{1886.31} = 11.9\%$$

Continuous

$$\frac{1571.93 \text{ ml (needs)}}{24 \text{ hr/day}} = 65.497 \text{ ml/hr}$$

66 ml/hr
continuous goal

$$66 \text{ ml/hr} \times 24 \text{ hrs/day} = 1584 \text{ ml}$$

$$744 \text{ ml} \times 1.2 \text{ Kcal/ml} = 892.8$$

$$744 \text{ ml} = 0.744 \text{ L}; 76 \text{g/L} \times 0.744 \text{ L} = 5.7 \text{g Pro}$$

$$1584 \text{ ml/hr} \times 0.81 = 1283 \text{ ml water in product}$$