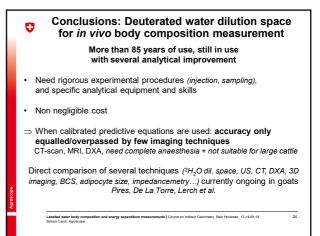


1	HO technique for body compaction measurement 2 Hy.*O technique for energy expenditure estimation 3. Technical issues Approximate prices for <sup>2</sup> H <sub>2</sub> O and <sup>2</sup> H <sub>2</sub> <sup>18</sup> O technics (in €)				
		<sup>2</sup> H <sub>2</sub> O - body composition		<sup>2</sup> H <sub>2</sub> <sup>18</sup> O - energy expenditure	
	Model size	Equ. point n=2	Mult. points n=6	Dual points n=3	Mult. points n=6
	Poultry ≈ 1.5 kg	40 (0.3%)*	120 (0.1%)	110 (8%)	220 (4%)
	Sheep-goat ≈ 65 kg	45 (10%)	125 (4%)	500 (80%)	600 (65%)
	Pig ≈ 120 kg	50 (17%)	130 (7%)	800 (85%)	900 (77%)
	Cattle ≈ 600 kg	80 (50%)	160 (87%)	3'700 (97%)	3'900 (95%)
Agroscope	*% of total cost due to the dose is reported in brackets Considering: - a dosing at 0.1 g <sup>3</sup> H_20Kg BW and 0.05 g H <sub>2</sub> <sup>18</sup> O/kg BW - a price of 0.7 €/g 2H2O and 120 ℓg/ H218O - an analytical cost of 20€ / point for <sup>2</sup> H/ <sup>3</sup> H and 35 € for both <sup>2</sup> H/ <sup>3</sup> H and <sup>18</sup> O/ <sup>16</sup> O ratios determ.				
	Lakelike antitr holdy comparations and energy expenditure measurements [ Course on Indirect Calorimetry, Bels Horizonia, 13-14.30 19 23 Bylvain Levin, Agroscope				



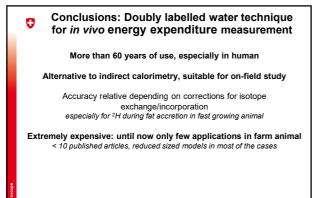


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Labelled water body composition and energy expenditure measurements [Course on Indirect Calorimety, Belo Hortzonie, 13-14.00.19 25 Sylvain Lerch, Agroscope