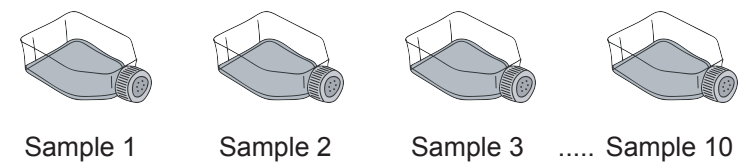
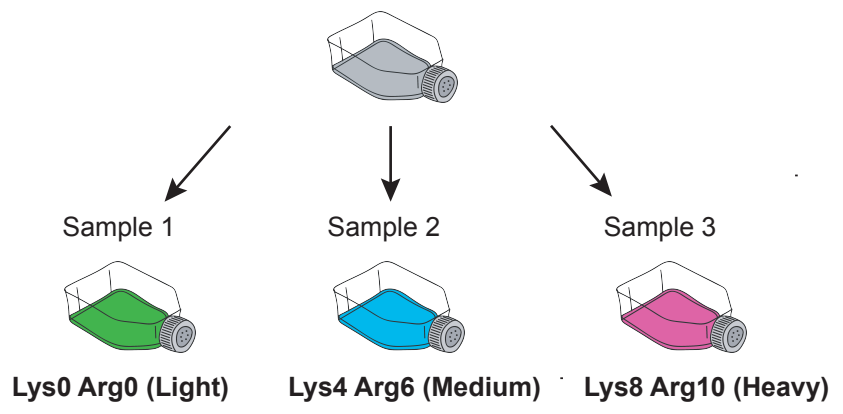


### Metabolic Labelling (SILAC)

### Chemical Labelling (TMT)

#### 1. Sample preparation



#### 2. Sample purification

5-6 doublings for proper incorporation of labelled amino acids

Mix 1:1:1

Alkylation  
Reduction  
Trypsin-Digestion

Sample preparation

Alkylation  
Reduction  
Trypsin-Digestion



Labelling with isobaric TMT-tags

Mix 1:1:1

#### 3. Data analysis

MASS spec  
of  
labelled peptides

