



## What is a Kg?

- The international prototype of the kilogram (IPK) is the artefact whose mass defines at present the SI unit of mass: "The kilogram is the unit of mass; it is equal to the mass of the international prototype of the kilogram".
- Held at *The International Bureau of Weights and Measures* (BIPM) near Paris, France.

The international prototype of the kilogram was sanctioned in 1889. Its form is a cylinder with diameter and height of about 39 mm. It is made of an alloy of 90 % platinum and 10 % iridium.

CAB













Table 2 Plasma protein concentration		RM=BSA
Sample (plasma), n=7	Protein concentration (graph) (mg/ml)	Protein concentration formula (BSA standard <sup>a</sup> ) (mg/ml)
Amido Black		
Median±S.D.	$83.4 \pm 1.93$	$82.6 \pm 1.91$
CV %	2.3	2.3
Lowry Madian + S D	110.2+1.00	100 1+4 21
CV %	3.7	3.0
Bradford	5.7	5.9
Median±S.D.	95.1±3.3	89.5±3.1
CV %	3.5	3.5
Biüret		
Median±S.D.	$88.8 \pm 3.54$	$80.9 \pm 3.67$
CV %	4	4.5
Ponceau-S/TCA	02.2 + 5.71	04.7 : 5.96
CV %	92.3±5./1 6.2	94.7±3.86
<ul> <li><sup>a</sup> BSA concentration for Biūre</li> <li><sup>b</sup> HSA concentration for Biūre</li> </ul>	t assay 0.5 mg/ml; Lowry, Bradford, Ar et assay 0.5 mg/ml; Lowry, Bradford, Ar	mido Black and Ponceau-S/TCA assays were 0.1 mg/ml. mido Black and Ponceau-S/TCA assays were 0.05 mg/ml.













