



INTERNAL QUALITY CONTROLS IN IMMUNOHEMATOLOGY

Independent IQC IH - The NF EN ISO 15189: 2012 standard recommends that laboratories "use independent third-party control materials, instead of or in addition to those provided by the manufacturer" (§ 5.6.2.2 "Quality Control / Materials of QC "). It follows pre-existing professional recommendations such as the "Proposed recommendations for the practical use of internal quality controls (IQC) in a laboratory of medical biology" by Jean-Marc Giannoli of 07/2011.³

Used and guaranteed **for any technique**, IBBJ's Internal Quality Controls for immunohematology **do not come from the same manufacturer** as the analyzers, guaranteeing laboratories IQC independent from the apparatus / reagents couple³.

They have a stability of 5 to 9 weeks upon receipt and are therefore offered as a subscription with a delivery every 4 weeks⁴.

In addition to meeting the requirements of the regulatory standards that apply to IVDs, each IQC is **strictly controlled** internally at each stage of its manufacturing.

Designation		Conditioning	Ref.
IJB-IH CONTROLE 2 (ABOD blood grouping)⁴ > Ready for use red blood cells suspension > Control samples for ABO-RH1 and RH-Kell determination > 14 days shelf life after opening		Box 2 x (4 tubes of 4 ml)	108020257
IJB-IH CONTROLE 3 (IAR)⁴ > 2 control samples with low concentration of irregular antibodies (anti-Kell and anti-Fy1 from human origin)		Box 2 x 4 ml	108030357
DAT-QC IgG 25% (Coombs)⁴ > Direct Antiglobulin Test (DAT) > Red blood cells suspension sensitized in-vitro with IgG		Box 2 x 4 ml	97257
DAT-QC C3b-C3d (Coombs)⁴ > Direct Antiglobulin Test (DAT) > Red blood cells suspension sensitized in-vitro with complement		Box 2 x 4 ml	97367

³ "The use of IQC independent of the apparatus / reagent couple is the most recommended to independently ensure an efficient internal control of quality": Giannoli JM, Szymanowicz A. *Proposed recommendations for the practical use of the internal controls of quality (IQC) in a laboratory of medical biology*; Ann Biol Clin 2011; 69 (4): 489-98 doi: 10.1684 / abc.2011.0606

⁴ Products of the IBBJ range have an expiry period of 5 weeks upon receipt (9 weeks for "IJB-IH CONTROLE 3 - ref 108030357"). They are therefore offered in the form of a subscription with a delivery every 4 weeks: in total 13 deliveries per calendar year on the dates fixed by IBBJ.

