Quality assurance LOG SHEET for anaemia

**Instructions for filling in the quality assurance log sheet**

* Complete the quality assurance log sheet for anaemia when you check that the HemoCue Hb301 devices are working properly using Eurotrol Hb 301 control solutions.
* A control card allows the verification of up to 4 HemoCue devices (1 device per column). If more than 4 HemoCue devices are used during the survey, fill out several log sheets.
* Indicate the results of the sample analysis for quality control with the Eurotrol Hb 301 solutions in either g/dL or g/L, depending on the HemoCue Hb 301 device unit tested.
* Controls of the entire HemoCue Hb 301 system (analyser, microcuvette and operator), and functions, must be performed at least twice during a survey: before data collection begins, and in the middle of the collection period. If several camps or survey areas are completed, perform a device check between each camp / survey area.

**Information on Eurotrol solutions**

* To carry out a control of the entire HemoCue Hb 301 system (analyser, microcuvette and operator) and functions, the Eurotrol Hb 301 control solutions (bovine substance) must be used.
* The control substance has three different levels and is available in dropper bottles of 1.0 ml: i) Low: 7.2 g/dL ± 0.8 g/dL (72 g/L ± 8 g/L); ii) Normal: 13.1 g/dL ± 1.2 g/dL (131 g/L ± 12 g/L), and iii) High: 17.0 g/dL ± 1.5 g/dL (170 g/L ± 15 g/L).
* If solutions are stored sealed in a refrigerator at 2-8°C (35-46°F), they may be stored for 1 year from the date of manufacture. After opening the vials, the solutions are stable for 14 days when they are properly closed and stored at room temperature (15-30°C), or for 30 days if stored in a refrigerator at 2-8°C.

**Eurotrol solutions for the HemoCue Hb 301 analyser**

quality assurance LOG sheet for anaemia

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| **# HemoCue Hb 301 device** | |\_\_\_||\_\_\_| | |\_\_\_||\_\_\_| | |\_\_\_||\_\_\_| | |\_\_\_||\_\_\_| |
| **Testing Date:**(dd/mm) | |\_\_\_||\_\_\_|/|\_\_\_||\_\_\_| | |\_\_\_||\_\_\_|/|\_\_\_||\_\_\_| | |\_\_\_||\_\_\_|/|\_\_\_||\_\_\_| | |\_\_\_||\_\_\_|/|\_\_\_||\_\_\_| |
| **Date that the box of microcuvettes was opened**(dd/mm) | |\_\_\_||\_\_\_|/|\_\_\_||\_\_\_| | |\_\_\_||\_\_\_|/|\_\_\_||\_\_\_| | |\_\_\_||\_\_\_|/|\_\_\_||\_\_\_| | |\_\_\_||\_\_\_|/|\_\_\_||\_\_\_| |
| **Visual inspection completed** |  ⬜ Yes ⬜ No  |  ⬜ Yes ⬜ No  |  ⬜ Yes ⬜ No  |  ⬜ Yes ⬜ No  |
| **Cleaning the HemoCue device:*** External cleaning by wiping with a damp cloth
* Internal cleaning with a cleaning spatula
 |  ⬜ Yes ⬜ No ⬜ Yes ⬜ No  |  ⬜ Yes ⬜ No ⬜ Yes ⬜ No  |  ⬜ Yes ⬜ No ⬜ Yes ⬜ No  |  ⬜ Yes ⬜ No ⬜ Yes ⬜ No  |
| **Microcuvette holder cleaned** |  ⬜ Yes ⬜ No  |  ⬜ Yes ⬜ No  |  ⬜ Yes ⬜ No  |  ⬜ Yes ⬜ No  |
| **Results of sample analysis for quality control** (Eurotrol Hb 301)***HemoCue Hb 301 g/dL unit (change if g/l unit)**** Eurotrol Low (7.2 ± 0.8 g/dL; Range [6.4-8.0])
* Eurotrol Normal (13.1 ± 1.2 g/dL; Range [11.9-14.3])
* Eurotrol High (17.0 ± 1.5 g/dL; Range 15.5-18.5)
 | |\_\_\_|.|\_\_\_|Specify if acceptable value: ⬜Yes ⬜ No |\_\_\_||\_\_\_|.|\_\_\_|Specify if acceptable value: ⬜Yes ⬜ No |\_\_\_||\_\_\_|.|\_\_\_|Specify if acceptable value: ⬜Yes ⬜ No  | |\_\_\_|.|\_\_\_|Specify if acceptable value: ⬜Yes ⬜ No |\_\_\_||\_\_\_|.|\_\_\_|Specify if acceptable value: ⬜Yes ⬜ No |\_\_\_||\_\_\_|.|\_\_\_|Specify if acceptable value: ⬜Yes ⬜ No  | |\_\_\_|.|\_\_\_|Specify if acceptable value: ⬜Yes ⬜ No |\_\_\_||\_\_\_|.|\_\_\_|Specify if acceptable value: ⬜Yes ⬜ No |\_\_\_||\_\_\_|.|\_\_\_|Specify if acceptable value: ⬜Yes ⬜ No  | |\_\_\_|.|\_\_\_|Specify if acceptable value: ⬜Yes ⬜ No |\_\_\_||\_\_\_|.|\_\_\_|Specify if acceptable value: ⬜Yes ⬜ No |\_\_\_||\_\_\_|.|\_\_\_|Specify if acceptable value: ⬜Yes ⬜ No  |
| **Error code** | ⬜ Yes ⬜ NoIf yes, specify the code:  | ⬜ Yes ⬜ NoIf yes, specify the code:  | ⬜ Yes ⬜ NoIf yes, specify the code:  | ⬜ Yes ⬜ NoIf yes, specify the code:  |
| **Comments** |  |  |  |  |