

# 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  $\pm$  0.8 g/dL (72 g/L  $\pm$  8 g/L); ii) Normal: 13.1 g/dL  $\pm$  1.2 g/dL (131 g/L  $\pm$  12 g/L), and iii) High: 17.0 g/dL  $\pm$  1.5 g/dL (170 g/L  $\pm$  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

# HemoCue Hb 301 device				
Testing Date: (dd/mm)	/	/	/	/
Date that the box of microcuvettes was opened (dd/mm)	/	/	/	/
Visual inspection completed	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Cleaning the HemoCue device: <ul style="list-style-type: none"> <li>External cleaning by wiping with a damp cloth</li> <li>Internal cleaning with a cleaning spatula</li> </ul>	<input type="checkbox"/> Yes <input type="checkbox"/> No  <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No  <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No  <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No  <input type="checkbox"/> Yes <input type="checkbox"/> No
Microcuvette holder cleaned	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Results of sample analysis for quality control (Eurotrol Hb 301)  <b>HemoCue Hb 301 g/dL unit (change if g/l unit)</b> <ul style="list-style-type: none"> <li>Eurotrol Low (<math>7.2 \pm 0.8</math> g/dL; Range [6.4-8.0])</li> <li>Eurotrol Normal (<math>13.1 \pm 1.2</math> g/dL; Range [11.9-14.3])</li> <li>Eurotrol High (<math>17.0 \pm 1.5</math> g/dL; Range 15.5-18.5)</li> </ul>	       .           Specify if acceptable value: <input type="checkbox"/> Yes <input type="checkbox"/> No	       .           Specify if acceptable value: <input type="checkbox"/> Yes <input type="checkbox"/> No	       .           Specify if acceptable value: <input type="checkbox"/> Yes <input type="checkbox"/> No	       .           Specify if acceptable value: <input type="checkbox"/> Yes <input type="checkbox"/> No
Error code	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, specify the code:	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, specify the code:	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, specify the code:	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, specify the code:
Comments				