

# Product specification

**CAUTION: Radioactive material. Research use only.**

**[<sup>125</sup>I]Cortisol**

**Cortisol-3-CMO-[<sup>125</sup>I]histamine**

Code: IRC-121

|                                  |   |                  |
|----------------------------------|---|------------------|
| <b>Lot number</b>                | .....                                     |                  |
| <b>Package size</b>              | 370 kBq                                   | 10 µCi           |
| <b>Activity reference date</b>   | .....                                     |                  |
| <b>Production date</b>           | .....                                     |                  |
| <b>Specific activity</b>         | ~74 TBq/mmol                              | ~2000 Ci/mmol    |
| <b>Molecular weight</b>          | 515 Da                                    |                  |
| <b>Radiochemical purity</b>      | > 95% RCP                                 | < 5% free iodide |
| <b>Biological testing</b>        | RIA                                       |                  |
| <b>Form and Storage</b>          | Solution, at < -12°C                      |                  |
| <b>Radioactive concentration</b> | ..... MBq/ml                              | ..... µCi/ml     |
| <b>Volume</b>                    | .....ml                                   |                  |
| <b>Buffer composition</b>        | Ethanol:water (1:1) with 0.1% acetic acid |                  |
| <b>Preparation</b>               | Chloramine-T method<br>Purified by HPLC   |                  |
| <b>Availability</b>              | A fresh batch is prepared every 4 weeks   |                  |



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