



**Experiment title:**  
Biocrystallography of C1, the first component of the complement cascade

**Experiment number:**  
LS-1091

**Beamline:**  
ID-14

**Date of experiment:**  
from: 9/23 to: 9/25 1999

**Date of report:**  
Sept 1<sup>st</sup>. 1999

**Shifts:**  
6

**Local contact(s):**

*Received at ESRF:*

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Report:

We have previously collected a 1.85 Å resolution data set on a native crystal at BM02. Attempts to solve the structure by MR have failed because the only available structure of a related protein is of poor quality. We have been constantly plagued with problems concerning these crystals. It is impossible to know before hand whether they are going to be disordered (and unfortunately at present we cannot test this at the lab). We prepared several soaks using various heavy-atom salts but the 8 crystals that we tested were disordered. New batches of protein are being produced in order to solve this problem.