



**Experiment title:**  
Block Allocation Group: Portugal

**Experiment number:**  
LS-1523

**Beamline:**  
ID14-1

**Date of experiment:**  
from: 9/12/99 at 08:00 to: 10/12/99 at 07:00

**Date of report:**  
Feb. 28, 2000

**Shifts:**

**Local contact(s):**  
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*Received at ESRF:*

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**Report:**

**Adenylate Kinase from *D. gigas*:**

Diffraction images were measured from native frozen crystals but the data processing was hampered by the fact that the crystals were twinned. These crystals were thought to be better than a previous (non-twinned) crystal form and thus selected for data collection. In view of these results, the previous crystal form will be used for further diffraction experiments.

**TPDfx from *Treponema pallidum* expressed in *Escherichia coli*:**

A complete native data set was collected to 2.7 Å resolution and attempts are being made to solve the structure by Molecular Replacement methods.