



	Experiment title: MAD on <i>Mycobacterium tuberculosis</i> truncated hemoglobin HbO	Experiment number: LS-2183
Beamline: ID29	Date of experiment: from: 1/3/02 to: 3/3/01	Date of report: 1/9/02
Shifts: 3	Local contact(s): Gordon Leonard	<i>Received at ESRF:</i>

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Report:

	Grenoble ID29 1/3/02, PK	Grenoble ID29 1/3/02, IN	Grenoble ID29 1/3/02, RM
Resolution (Å)	37-2.6	37-2.6	37-2.6
Wavelength (Å)	1.7387	1.7404	0.9801
Rmerge (%)	9.0 (30.5)†	8.7(31.9)†	6.3(14.5)†
Completeness (%)	100 (98.8)	100 (100)	99.9 (100)
Anomalous completeness (%)	100 (98.7)	100 (100)	99.9 (100)
Mosaicity (°)	0.45	0.45	0.47
Total Reflections	523166	521145	539921
Independent Reflections	74954	74583	74728
Redundancy	7.0 (6.8)	7.0 (6.8)	7.2 (7.3)
Average I/σ(I)	6.7 (2.5)	7.1 (2.4)	8.8 (5.0)
Space group	I4 ₁ 22	I4 ₁ 22	I4 ₁ 22
Unit cell (Å)	a=b=187.5 c=274.7	a=b=187.3 c=274.4	a=b=187.6 c=274.7

†Outer shell statistics (2.73-2.60 Å) within parentheses.

Structure solved, paper in preparation.