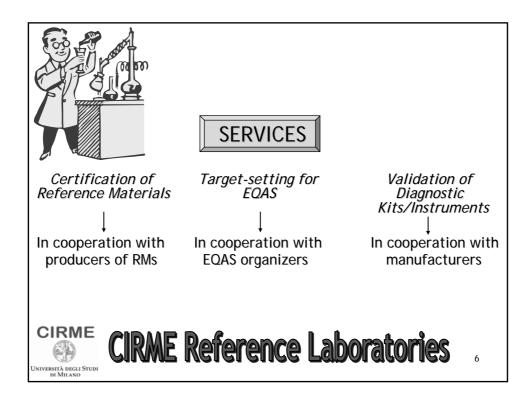


	JCTLM database : Laboratory medicine and	in vitro diagnostics			
	CIRME reference measurement services in the JCTLM list				
	List of reference measurement services				
		D7 from the JCTLM-DB website ( <u>http://www.bipm.org/jctlm/</u> ) ement services; Analyte: ALT; Analyte category: Enzymes; Matrix category: -			
	CIRME, Italy				
	Phone: +39 02 3904 2806 Fax: +39 02 5031 9835	Contact person : Prof. Mauro Panteghini Email : mauro.panteghini@unimi.it			
	Analyte	alanine aminotransferase (ALT)			
	Material or matrix	blood serum, blood plasma			
	Applicable material or matrix	human serum or plasma (heparin); lyophilized, fresh, or frozen			
	Quantity	Catalytic activity concentration			
	Service measurement range	3.8 U/L to 250 U/L			
	Expanded uncertainty	(not available) to 2.0%			
	(level of confidence 95%)	The uncertainty of the lower limit of the measurement range is not available as this enzyme value is clinically unrelevant			
	Interlaboratory comparison results	RELA - IFCC External Quality assessment scheme for Reference Laboratories in Laboratory Medicine at http://www.dgkl-rfb.de/81/index.shtml			
		Siekmann et al., Clin. Chem. Lab. Med., 2002, 40, 739-745			
CIRME	Measurement principle	Kinetic spectrophotometry			
(P)	JCTLM reference measurement method/procedure	IFCC reference measurement procedure (37 °C) for ALT			
UNIVERSITÀ DEGLI STUDI DI MILANO					

	ICTL
CIRME reference m	easurement services in the JCTLM list
List of	reference measurement services
	17 from the JCTLM-DB website ( <u>http://www.bipm.org/ictim/</u> ) ement services; Analyte: HbA1c; Analyte category: Proteins; Matrix category: Proteins; Protei
CIRME, Italy	
Phone : +39 02 5031 8323 Fax : +39 02 5031 8391	Contact person : Prof. Andrea Mosca Email : andrea.mosca@unimi.it
Analyte	glycated hemoglobin (HbA1c)
Material or matrix	whole blood
Applicable material or matrix	human whole blood or human erythrocytes; lyophilized, fresh, or froze
Quantity	Amount-of-substance fraction
Service measurement range	5 mmol/mol to 150 mmol/mol
	The lower limit of detection has been empirically determined in the laboratory
Expanded uncertainty	(Not applicable) to 2.0%
(level of confidence 95%)	The uncertainty of the lower limit of the measurement range is not available
Interlaboratory comparison results	RELA - IFCC External Quality assessment scheme for Reference Laboratories in Laboratory Medicine at http://www.dgki-rfb.de.s3/index.shtml IFCC Network of Reference Laboratories for HbA1c at http://www.fcchba1c.net/
Measurement principle	Quantification of specific peptides isolated and quantified by Capillary Electrophoresis and Mass Spectrometry



	**************************************	EUROPEAN COMMISSION JOINT RESEARCH CENTRE Institute for Reference Materials and Measurements Reference Materials Unit	. ,
		Geel, 8 May 2009 JRC.D02/RKo/bt/mt/ARES(2009) 09-105/92349	
	Dr. Mauro Panteghini, Laboratorio Analisi Chimico-Cliniche, Centro Interdipartimentale di Ricerca sulla Riferibilità Metrologica in Medicina di Laboratorio (CIRME), Universita degli Studi di Milano, Azienda Ospedaliera Luigi Sacco - via GB Grassi 74 20157 Milano ITALY		
	Subject:	Listing of Laboratorio Analisi Chimico-Cliniche, Centro Interdipartimentale di Ricerca sulla Riferibilità Metrologica in Medicina di Laboratorio (CIRME) as validated supplier	
CIRME E Università degli Studi di Milano			7

