

REPORT ON WASPS EXERCISE W01/07

LABORATORY CODE NUMBER

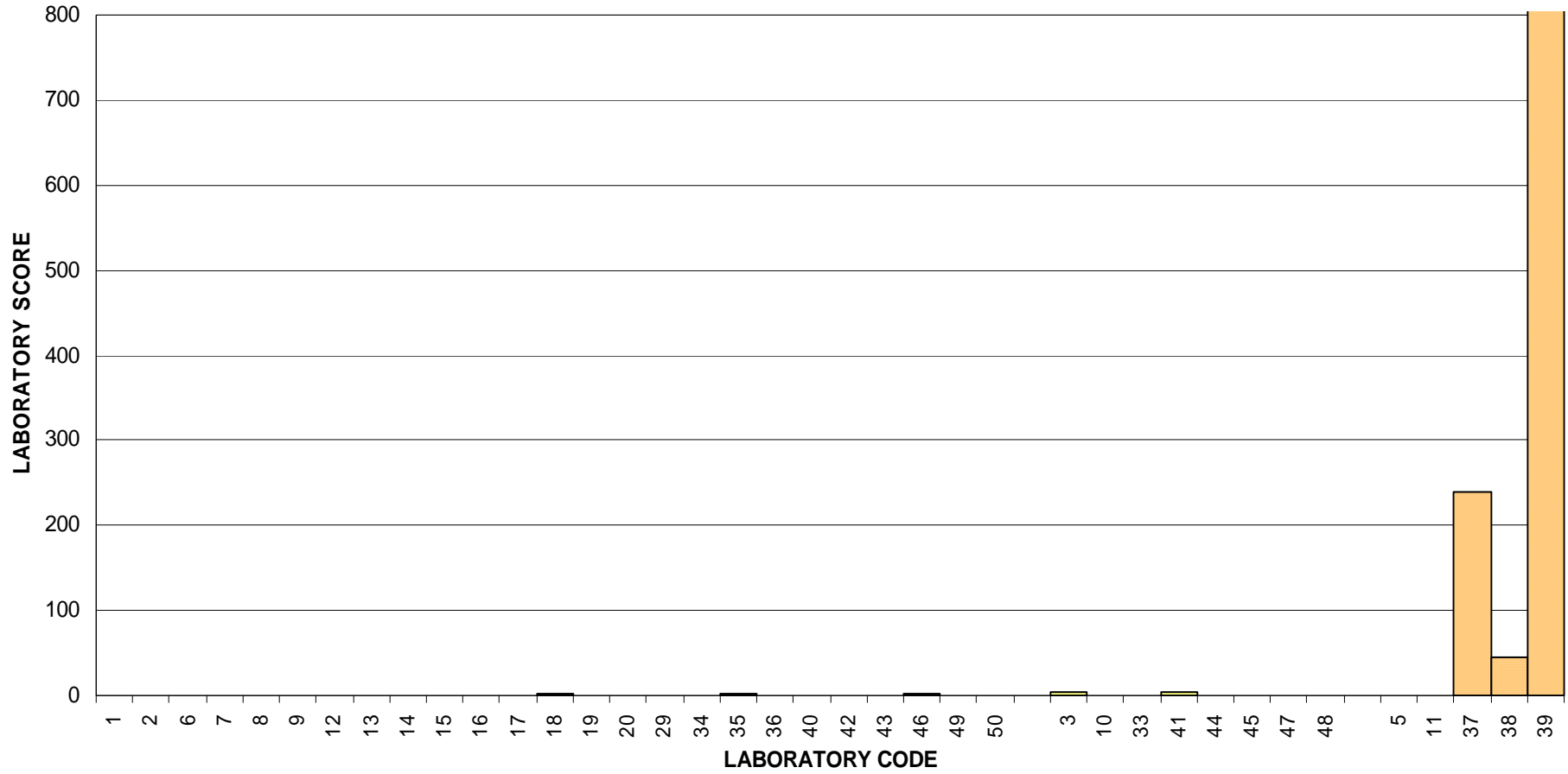
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Accredited EQA scheme
Reference No: 103/0205

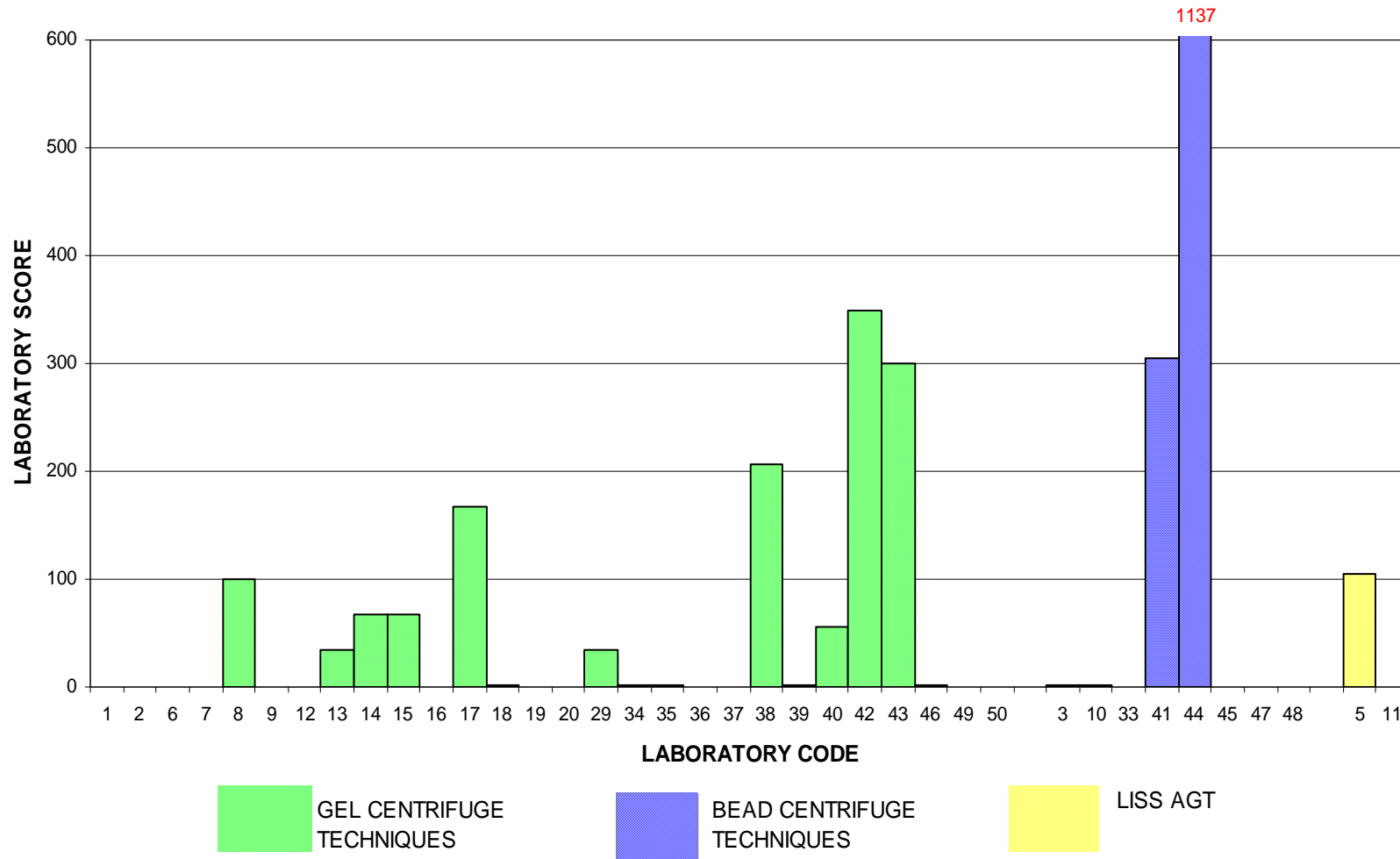
1. LABORATORY SCORE FOR EXERCISE W01/07



GEL CENTRIFUGE TECHNIQUES **BEAD CENTRIFUGE TECHNIQUES** **LISS AGT** **LISS AGT (Used as back-up technique)**

2. CUMULATIVE LABORATORY SCORE FOR THE LAST THREE EXERCISES

W01/07



4. EXERCISE DETAILS

The exercise examined performance in compatibility testing using anti-D against group O R₁r and rr cells.

FORMULATION OF EXERCISE W01/07

	CELL W	CELL Y	CELL Z
Probable Phenotype	R ₁ r	R ₁ r	rr

SERUM 1	SERUM 2	SERUM 3	SERUM 4
Inert	Anti-D (0.05iu)	Anti-D (0.05iu)	Inert

5. RESULTS OF EXERCISE W01/07

- * The anti-D vs R₁r cells was detected in 1994/2004 instances (99.5%).
- * False positive reactions were recorded in 4/4008 instances (0.1%).

TECHNIQUES PERFORMED

Techniques performed	% Participants
LISS AGT	11
Gel Technique	67
Bead Technique	22

MODAL REACTION GRADE FOR EACH SERUM CELL COMBINATION

	SERUM 1			SERUM 2			SERUM 3			SERUM 4		
	W	Y	Z	W	Y	Z	W	Y	Z	W	Y	Z
LISS AGT	0	0	0	3	3	0	3	3	0	0	0	0
GEL TECHNIQUE	0	0	0	2	2	0	2	2	0	0	0	0
BEAD TECHNIQUE	0	0	0	2	2	0	2	2	0	0	0	0
OVERALL MODE	0	0	0	2	2	0	2	2	0	0	0	0

REPORT CONCLUSIONS

- ❖ The results from the confirmation laboratories indicate that any failure to detect antibody is not attributable to the technique used for the exercise.
- ❖ Ten missed incompatibilities were recorded by two users who undertook this exercise using their back-up tube LISS technique.
- ❖ Four false positive reactions were recorded, two by one individual Biovue user, one by a tube LISS user and one by a Diamed user.

6. LABORATORY PARTICIPATION RATES

