

RESULTS OF VAGINAL CYTOLOGY STUDY USING TRANSITION MATRIX APPROACH
Study R10997 Diisobutyl Phthalate, HSD Rats F0

STAGE	COMPARISON	P_VALUE	TREND
Overall Tests	Overall	0.026	
Overall Tests	Low vs. Controls	0.006	N
Overall Tests	Mid vs. Controls	0.212	N
Overall Tests	High vs. Controls	0.637	N
Extended Estrus	Overall	0.02	
Extended Estrus	Low vs. Controls	0.006	N
Extended Estrus	Mid vs. Controls	0.516	N
Extended Estrus	High vs. Controls	0.181	N
Extended Diestrus	Overall	<0.001	
Extended Diestrus	Low vs. Controls	<0.001	
Extended Diestrus	Mid vs. Controls	0.085	
Extended Diestrus	High vs. Controls	<0.001	
Extended Metestrus	Overall	0.687	
Extended Metestrus	Low vs. Controls	1	N
Extended Metestrus	Mid vs. Controls	0.4	N
Extended Metestrus	High vs. Controls	0.351	N
Extended Proestrus	Overall	0.427	
Extended Proestrus	Low vs. Controls	0.358	N
Extended Proestrus	Mid vs. Controls	0.401	N
Extended Proestrus	High vs. Controls	0.352	N
Skipped Estrus	Overall	1	
Skipped Estrus	Low vs. Controls	0.955	
Skipped Estrus	Mid vs. Controls	0.952	
Skipped Estrus	High vs. Controls	1	
Skipped Diestrus	Overall	0.017	
Skipped Diestrus	Low vs. Controls	0.126	N
Skipped Diestrus	Mid vs. Controls	0.056	N
Skipped Diestrus	High vs. Controls	0.041	N

Note: N under trend indicates that the dosed group had fewer departures from normal than did the control group. Having no N under trend column indicates that the dosed group had more departures from normal than did the control group.

Summary of Significant Groups

STAGE	COMPARISON	P_VALUE	TREND
Overall Tests	Low vs. Controls	0.006	N
Extended Estrus	Low vs. Controls	0.006	N
Extended Diestrus	Low vs. Controls	<0.001	
Extended Diestrus	High vs. Controls	<0.001	
Skipped Diestrus	High vs. Controls	0.041	N

*Note: N under trend indicates that the dosed group had fewer departures from normal than did the control group.
Having no N under trend column indicates that the dosed group had more departures from normal than did the control group.*