

RESULTS OF VAGINAL CYTOLOGY STUDY USING TRANSITION MATRIX APPROACH
Summary of Female Rats, Study C20615, Perfluorodecanoic Acid

| STAGE | COMPARISON | P_VALUE | TREND |
|--------------------|-------------------|----------------|--------------|
| Overall Tests | Overall | <0.001 | |
| Overall Tests | Low vs. Controls | 0.054 | N |
| Overall Tests | Mid vs. Controls | <0.001 | N |
| Overall Tests | High vs. Controls | <0.001 | |
| | | | |
| Extended Estrus | Overall | <0.001 | |
| Extended Estrus | Low vs. Controls | 0.21 | N |
| Extended Estrus | Mid vs. Controls | 0.003 | N |
| Extended Estrus | High vs. Controls | <0.001 | N |
| | | | |
| Extended Diestrus | Overall | <0.001 | |
| Extended Diestrus | Low vs. Controls | 0.065 | |
| Extended Diestrus | Mid vs. Controls | <0.001 | |
| Extended Diestrus | High vs. Controls | <0.001 | |
| | | | |
| Extended Metestrus | Overall | 1 | |
| Extended Metestrus | Low vs. Controls | 1 | |
| Extended Metestrus | Mid vs. Controls | 1 | |
| Extended Metestrus | High vs. Controls | 1 | |
| | | | |
| Extended Proestrus | Overall | 1 | |
| Extended Proestrus | Low vs. Controls | 1 | |
| Extended Proestrus | Mid vs. Controls | 1 | |
| Extended Proestrus | High vs. Controls | 1 | |
| | | | |

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

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| STAGE | COMPARISON | P_VALUE | TREND |
|------------------|-------------------|----------------|--------------|
| Skipped Estrus | Overall | 0.555 | |
| Skipped Estrus | Low vs. Controls | 0.973 | N |
| Skipped Estrus | Mid vs. Controls | 0.307 | N |
| Skipped Estrus | High vs. Controls | 0.307 | N |
| | | | |
| Skipped Diestrus | Overall | 1 | |
| Skipped Diestrus | Low vs. Controls | 1 | |
| Skipped Diestrus | Mid vs. Controls | 1 | |
| Skipped Diestrus | High vs. Controls | 1 | |

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

RESULTS OF VAGINAL CYTOLOGY STUDY USING TRANSITION MATRIX APPROACH
Summary of Female Rats, Study C20615, Perfluorodecanoic Acid
Summary of Significant Groups

| STAGE | COMPARISON | P_VALUE | TREND |
|-------------------|-------------------|----------------|--------------|
| Overall Tests | Mid vs. Controls | <0.001 | N |
| Overall Tests | High vs. Controls | <0.001 | |
| Extended Estrus | Mid vs. Controls | 0.003 | N |
| Extended Estrus | High vs. Controls | <0.001 | N |
| Extended Diestrus | Mid vs. Controls | <0.001 | |
| Extended Diestrus | High vs. Controls | <0.001 | |

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