

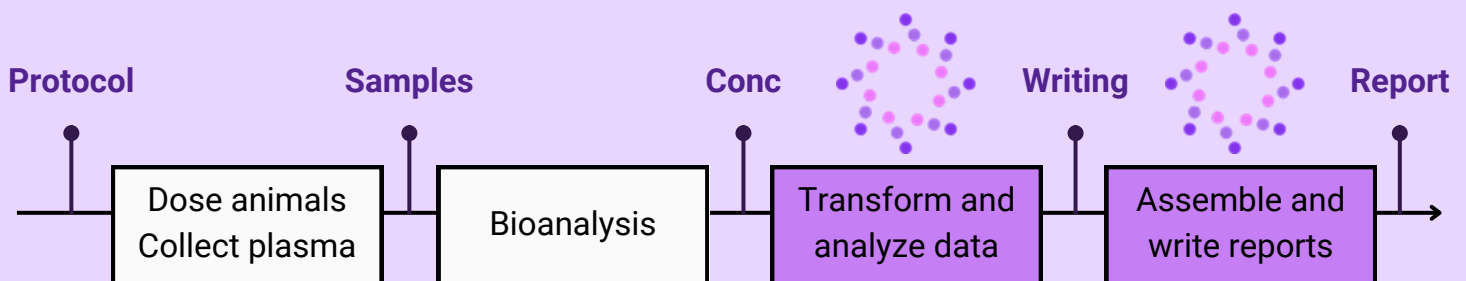
# TurboPKTK

*Noncompartmental analysis, data visualization, and reporting*

**TurboPKTK** accelerates pharmacokinetic studies by automating noncompartmental analysis and reporting. Interactive visualizations and automated report generation let scientists spend less time wrangling data and more time on scientific decisions.

## TurboPKTK Streamlines Workflows

Traditional workflows often take >5 weeks from the time concentration data are received to the creation of the report. **TurboPKTK reduces timelines to days.**



## Software

### Use TurboPKTK to perform NCA and generate reports

- For established PK/TK teams and expertise
- Full control over NCA and reporting workflows
- Automate calculations, visualizations, and reports

## Services

### Let our team handle the analysis and reporting

- For teams without in-house PK/TK resources
- Reduce manual effort, timelines, and backlogs
- Consistent, high-quality, regulatory-ready outputs



## Who Benefits

- **Software:** Pharma, biotechs, and CRO teams performing noncompartmental analysis, regression analyses, and PK/TK reporting
- **Services:** Teams without in-house PK/TK expertise or resources

## Supported Reports

**Discovery PK, toxicokinetics, and nonclinical PK**, offering summary and GLP reports with data tables, plots, and written narratives that include:

- Summary of key PK calculations
- Proportionality across days, doses, and sexes
- Ratios of plasma-to-tissue concentrations

## Core Capabilities

- Ingest concentration-time data from files or LIMS APIs
- Detects data issues and flags them for review
- Performs **noncompartmental analysis** and comprehensive PK calculations
- **Interactive visualizations** for subject- and group-level concentration-time profiles
- Supports inclusion/exclusion decisions with automatic recalculation
- **Automatically generate configurable study reports**
- Audit logs and full traceability for **GLP and Part 11 Compliance**

## LLM-Enhanced Narratives

**Scientist-controlled optional use of large language models (LLMs)** to refine system-generated text into clear, smooth-flowing narratives that maintain all scientific interpretations and decisions.

## Reliable Workflows

Role-based access controls, versioned interpretations, and complete audit trails for GLP and Part 11 compliance. System algorithms flag findings for review, while **scientists make final interpretations.**