

ToxGenie

Quick Installation & User's Manual

ToxGenie.com

Quick Installation & Windows Security Note

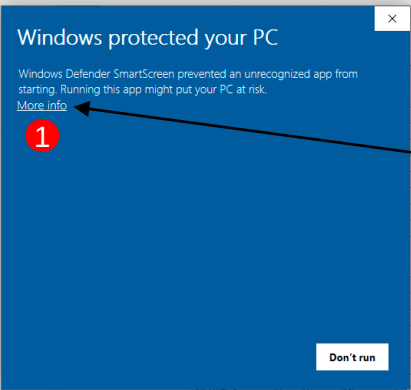
- ToxGenie is a dedicated toxicological statistical analysis program designed exclusively for researchers in the field. It is a versatile tool suitable for both professional GLP toxicology CROs and graduate students specializing in toxicology.
- To provide this specialized tool at an accessible subscription rate rather than passing on the high costs of commercial publisher certificates, ToxGenie is distributed directly to our users.
- As a result, Windows Defender SmartScreen may initially flag the installer.

SmartScreen Scenario 1:



Click [Run]

SmartScreen Scenario 2:



Step 1: On the blue screen, click [More info].

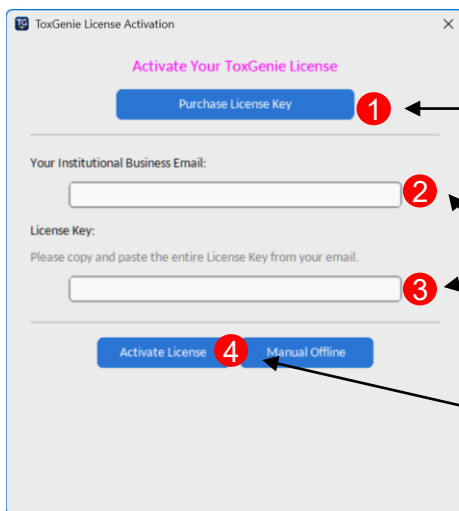


Step 2: Click [Run anyway] to proceed with the installation.

License Activation (Online & Offline)

Upon first launch, ToxGenie requires registration to activate your 30-day free trial or paid subscription.

Standard Activation (Online):



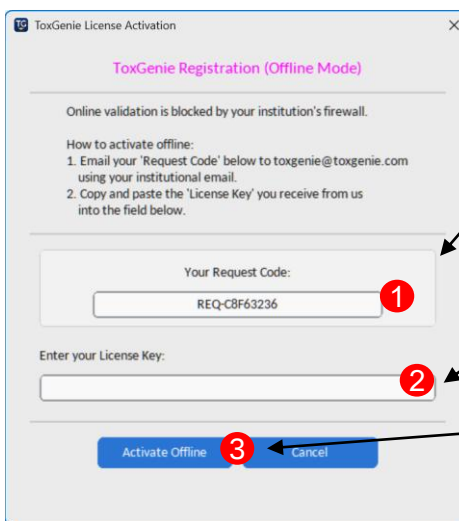
Click **[Get Free 30-Day License Key]** to receive your key via email, or use your purchased key.

Enter your Institutional Business Email and the License Key.

Click **[Activate License]**.

Offline Mode (Institutional Firewall):

If your institution's strict firewall blocks the activation server, ToxGenie will automatically switch to **Offline Mode**.



Copy the generated Request Code and email it to toxgenie@toxgenie.com.

Enter the manual offline key we provide to unlock the software.

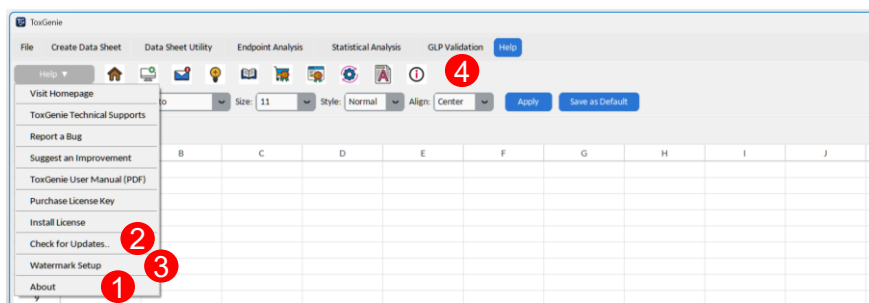
Click **[Activate License]**.

⚠ Important: Institutional Email Required

Personal or commercial email accounts (e.g., @gmail.com, @yahoo.com) are **strictly prohibited**. You must use your official **institutional or business email address** (e.g., .edu, .ac, corporate domains) to receive a valid license key.

License Management & Features

ToxGenie provides a transparent way to manage your subscription and access advanced tools.



1 Checking License Validity:

To check your current subscription tier (Trial, Academic, Professional) and expiration date, navigate to the **[Help]** tab and click the **[About]** button.



2 Purchasing & Upgrading:

To purchase a new license or upgrade your current plan, click **[Buy License Key]** in the **Help** tab to visit our secure pricing page. Once you receive your key, click **[Install License]** to instantly activate it without losing your data.

3 Custom Watermarks (Acad & Pro):

Embed your official institutional watermarks and headers directly into the exported PDF and MS Word reports.

4 GLP Validation Kit (Pro Only):

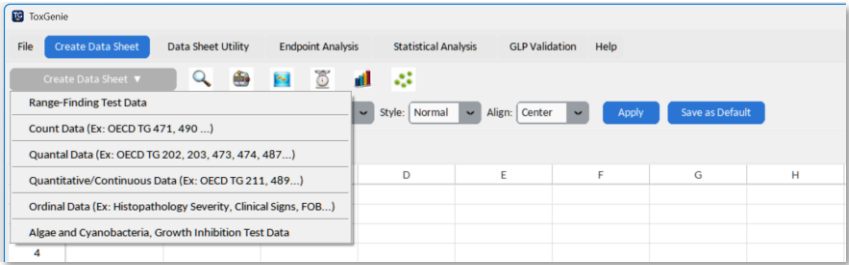
Unlock the **[GLP Validation]** tab to automatically generate out-of-the-box 21 CFR Part 11 compliance documentation, including complete IQ/OQ Protocols.

 **Note on Email Delivery:** Due to strict institutional security filters, the automated license key email may be routed to your **Spam or Junk folder**. Please check there if you do not receive it within a few minutes.

The "Zero-Manual" Workflow

ToxGenie is designed with a core philosophy: **Eliminate thick, complicated manuals.** If you understand toxicology, you already know how to use ToxGenie. Just follow the tabs from left to right.

Step 1: Prepare Data (Create Data Sheet Tab):

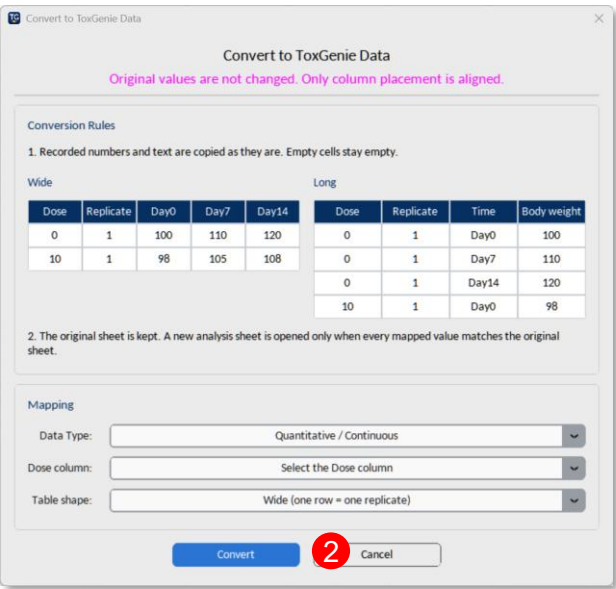
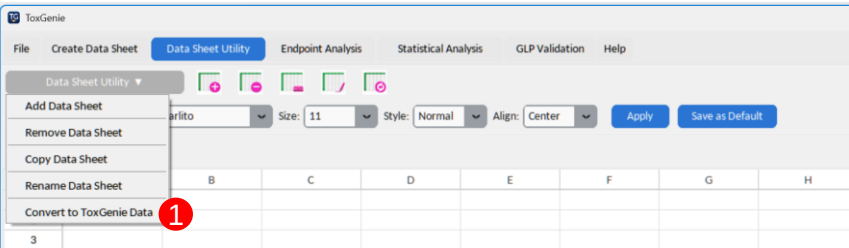


- Go to [Create Data Sheet] and click your study type (e.g., Quantal Data for OECD TG 203; Ordinal Data for histopathology or clinical signs).
- A template opens instantly. Or use [File] to import Excel/CSV.

💡 Tip: For a quicker workflow, we recommend modifying the template files located in the **sample data folder**. You can easily load them directly for analysis by selecting [File] > [Open Excel Data].

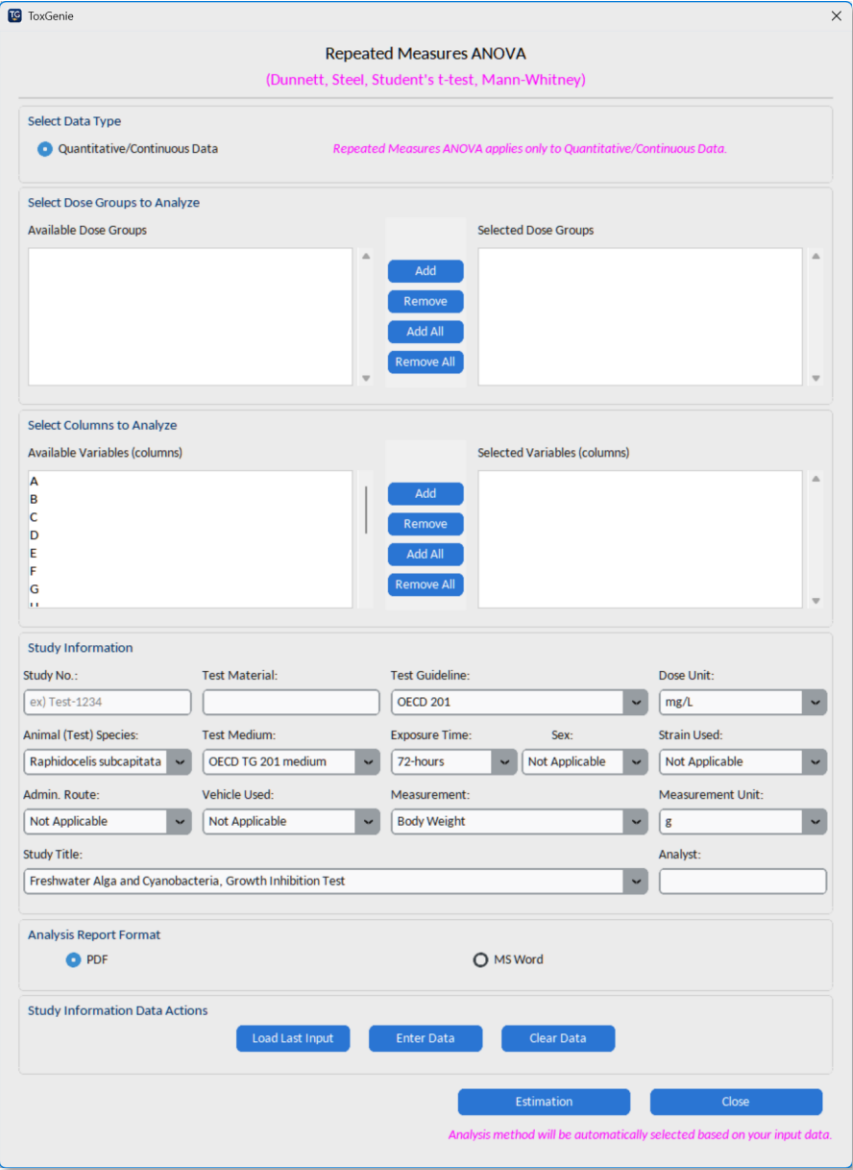
Step 1-2: Convert to ToxGenie Data Format:

- If the sheet is not a ToxGenie template: [Data Sheet Utility] > [Convert to ToxGenie Data] (original sheet is kept).
- Load the file you wish to convert via the **File** menu, then follow the steps below to complete the conversion.



“Zero-Manual” Workflow

Step 2: Run Analysis (Endpoint / Statistics Tab)



ToxGenie

Repeated Measures ANOVA
(Dunnett, Steel, Student's t-test, Mann-Whitney)

Select Data Type
☒ Quantitative/Continuous Data
Repeated Measures ANOVA applies only to Quantitative/Continuous Data.

Select Dose Groups to Analyze
 Available Dose Groups: [Empty Box]
 Selected Dose Groups: [Empty Box]
 Add, Remove, Add All, Remove All

Select Columns to Analyze
 Available Variables (columns): A, B, C, D, E, F, G, ...
 Selected Variables (columns): [Empty Box]
 Add, Remove, Add All, Remove All

Study Information
 Study No.: [ex) Test-1234] Test Material: [] Test Guideline: [OECD 201] Dose Unit: [mg/L]
 Animal (Test) Species: [Raphidocelis subcapitata] Test Medium: [OECD TG 201 medium] Exposure Time: [72-hours] Sex: [Not Applicable] Strain Used: [Not Applicable]
 Admin. Route: [Not Applicable] Vehicle Used: [Not Applicable] Measurement: [Body Weight] Measurement Unit: [g]
 Study Title: [Freshwater Alga and Cyanobacteria, Growth Inhibition Test] Analyst: []

Analysis Report Format
☒ PDF ☐ MS Word

Study Information Data Actions
 Load Last Input Enter Data Clear Data

Estimation Close
Analysis method will be automatically selected based on your input data.

Navigate to the **[Endpoint]** or **[Statistical Analysis]** tab and select a method (e.g., Hypothesis Tests). In the analysis window:

- Select your Data Type.
- Move target Doses and Variables to the 'Selected' boxes.
- Enter Study Information and choose the report format (PDF/Word).

The "Zero-Manual" Workflow

Step 3: Generate Report

Click **[Estimation]**. Validated reports and graphs are generated instantly.

Critical Input Rules for Analysis

To ensure statistical integrity and avoid errors, ToxGenie enforces strict GLP validation rules:

- ✓ **Study No.:** Must be a combination of letters and numbers (e.g., Test-123). Entering numbers only is not allowed.
- ✓ **Quantal Data:** When selecting the Quantal Data type, you must specify the Initial Exposed Data Column from the dropdown list.
- ✓ **Dose Groups & Error Messages:** Depending on the specific statistical method you choose, non-numeric dose groups (e.g., "Positive Control") may or may not cause an error. **If an error or warning message box appears during estimation, please read the instructions carefully and follow them** (e.g., removing the non-numeric group from the Selected Dose Groups list if prompted).