

Target Assessment Options

Target Assessment (TA): a comprehensive description of any therapeutic target of interest

- Target-focused information derived from knowledge sources curated by Clarivate as well as public data sources
- Assets, trials, competitors, treatment regimen
- List of molecules associated with the target
- Safety/efficacy assessment

Automated Target Assessment (aTA) report

- **Automatically generated** (easily scalable)
- **HTML report + Supplementary tables and materials** as an output
- Target Biology & Pharmacology & Toxicity & Disease Involvement
- Extracts from **all relevant Clarivate databases**
- Extracts from various public sources: UniProt, HPA, GEO, GTEx, et.al

Brief Target Safety Assessment (bTSA) report

- **Expert-curated html report**
- Integrated Summary
- Target Biology
- Toxicity Summary (curated OFF-X data)

Detailed Target Safety Assessment (dTSA) report

- **Expert-curated html report**
- Integrated Summary
- Target Biology
- Target Pharmacology
- Toxicity Summary (curated OFF-X data)

Custom Target Curation

- **Expert-curated reports, tables and materials**
- Any target focused literature and data curation

Report characteristics	I. aTA (automatic)	II. bTSA (brief)	III. dTSA (detailed)	IV. Custom Target Curation
Size	10-20 pages	5-15 pages	20-40 pages	Custom
Type	Automated	Expert - curated	Expert - curated	Expert - curated
Timelines	1 week	2-4 weeks	4-6 weeks	5-8 weeks
Clarivate content	Full for the target(s)	Selected + 50-60 references	Selected + 100-120 references	Custom

YOUR TARGET

Option I – Automated Target Assessment (aTA) report

DATA INGESTION



Clarivate
MetaCore
CDDI
CCI
OFF-X
...

External
NCBI
UniProt
GEO / GTEx
HPA
...

DATA PROCESSING



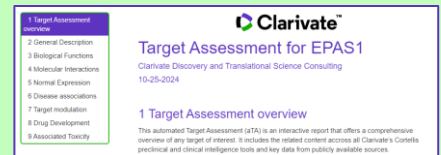
Integration of data from multiple sources: validation, sorting, analysis, classification, summarization, aggregation, etc.

OUTPUT (Deliverable)



HTML report +
Supplementary detailed
tables / material

Automatic TA (aTA)
10-20 pages



Clarivate databases: MetaBase, Cortellis Drug Discovery Intelligence (CDDI), Cortellis Competitive Intelligence (CCI), Cortellis Deals Intelligence (CDI), Cortellis Trials Intelligence (CTI), OFF-X Target Safety

YOUR TARGET

Option II & III – Brief and Detailed Target Safety Assessment (bTSA and dTSA) curated reports

DATA CURATION



> 10 years
experience
in working
with major
pharma and
tobacco
companies

Projects: TSAs,
manual
curation
projects, data
visualizations,
pathway
analysis

OUTPUT (Deliverables)



HTML report



Option 2. Brief TSA (bTSA)
5-15 pages

50-60 manually curated sources
+ Integrated Summary
+ Target Biology

- Background, Physiological & pathophysiological role, Molecular interactions and pathways, Transgenic mouse or knockout phenotype

+ Tox Summary

Option 3. Detailed TSA (dTSA)
20-40 pages

100-120 manually curated sources
+ Integrated Summary
+ Target Biology
+ Target Pharmacology

- Preclinical and clinical studies with competitor drugs

+ Tox Summary

- Detailed organ-specific AE analysis

YOUR TARGET

Option IV – Custom data curation project