

Log of updates to the SciRAP approach for evaluating *in vitro* studies, listed in order of most recent.

Date	Tool version	Updates
August 2024	2.1	<p>The online tool is removed and replaced with excel files available for download. All criteria remain the same.</p> <p>The function to weight criteria is removed.</p> <p>The terminology “SciRAP score” is removed and replaced with “% fulfilled criteria”. However, no change to how this numerical value is calculated.</p>
November 2021	2.0	<p>The tool has been evaluated by experts in risk assessment and <i>in vitro</i> methodology and the following improvements made:</p> <ul style="list-style-type: none"> – Addition of Reporting Quality open comment criterion: “Was all information that is indispensable for evaluating the reliability of data given? This includes information on the test compound and controls, test system, study design or study performance.” – Addition of Methodological Quality criterion: “An appropriate positive control was included, and the expected result was observed from this treatment” – Changed wording to increase clarity and align with current test guidelines in ver 2.0 Reporting Quality criteria no 1, 4, 5, 6, 8 and in ver 2.0 Methodological Quality criteria no 3, 4, 6 (previously 5), 7 (previously 6). – Updated guidance items for ver 2.0 Methodological Quality criteria to facilitate interpretation. <p>For details, see Roth et al. 2021. https://doi.org/10.3389/ftox.2021.746430</p> <p>The tool now consists of 24 criteria for evaluating reporting quality and 16 criteria for evaluating methodological quality.</p>
February 2018	1.0	<p>The first version of the SciRAP tool for evaluating <i>in vitro</i> toxicity studies put online.</p> <p>The SciRAP method for evaluating reliability of <i>in vitro</i> toxicity studies consists of 23 criteria for evaluating reporting quality and 15 criteria for evaluating methodological quality of studies. Relevance is evaluated according to 4 criteria. Guidance for evaluation is available for individual methodological quality criteria and for relevance criteria.</p> <p>Evaluation is conducted using the SciRAP online tool (www.scirap.org) and results are exported to an excel file providing a summary of the evaluation and a colour profile consisting of diagrams for reporting quality, methodological quality and relevance.</p>