



Reportable values for assays with combination calculations

Next PLA 3.0 Webinar & Trainings



// May 04, Europe - Middle East - Africa - Asia - Oceania
// May 11, Europe - Middle East - Africa - Asia - Oceania
// May 12, The Americas - Europe



// May 17-18, Asia - Oceania
// May 31-Jun 01, Europe - Middle East - Africa
// Jun 07-08, The Americas



// May 19, Asia - Oceania
// Jun 02, Europe - Middle East - Africa
// Jun 09, The Americas

For further dates and times, please check our Webinar & Trainings Calendar below

Dear Max,

In this newsletter

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- [Webinar & Trainings Calendar](#)
- [Meet us at](#)
- [Latest PLA 3.0 Releases](#)

[Reportable values for assays with combination calculations](#)

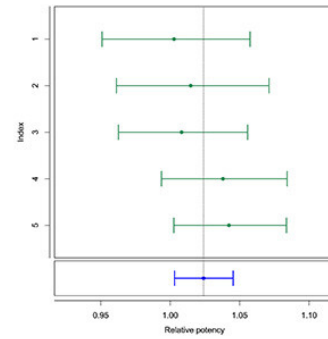
To achieve "reportable values" for your assays, it might be necessary to perform combination calculations of your independent biological assays. The combination calculation of PLA 3.0 aggregates the data of independent assay runs into a combination calculation.

[Combination calculation of independent potency assay results](#)

The European Pharmacopoeia and the US Pharmacopoeia describe different methods of combination calculations for independent assay results to obtain reportable values for the potency. PLA supports all different weighting methods for combination calculations. PLA also supports

automatic data aggregation of independent assay data.

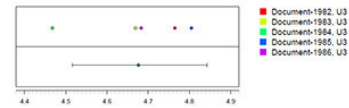
- Unweighted Combination
- Homogeneously Weighted Combination
- Heterogeneously Weighted Combination according to European Pharmacopoeia, chapter 5.3
- Heterogeneously Weighted Combination according to US Pharmacopoeia <111>
- Heterogeneously Weighted Combination according to US Pharmacopoeia <1034>



Combination calculations of independent cylinder-plate or turbidimetric assays

The Microbial Assays for Antibiotics Package provides its own document type for combination calculations of independent cylinder-plate or turbidimetric assays. Aggregate such assays into the document to obtain the estimated combined potency for each combination group. Acceptance tests cover the specific values of this method.

Combination group Combination group 1: Result



Combination result

	Results
Estimated potency	4.67646
Confidence interval (95.00%)	4.51953 - 4.84301
Half width of CI	1.03922

[Get more information and see example reports.](#)

Best regards
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Current conferences

- CASSS Bioassays: Scientific Approaches & Regulatory Strategies
July 19-21, 2022 | Gaithersburg, Maryland USA
- BEBPA's 15th Annual EUR Bioassay Conference
September 27-29, 2022 | Rome, Italy (You don't have a ticket yet? [Book here](#))
- CHI's 13th Annual Immunogenicity Summit
October 03-06, 2022 | Washington, DC, USA

If you wish to meet one of our representatives, please contact our Sales Team by [mail](#).

Webinar & Trainings Calendar



// **Apr 28, The Americas - Europe, 1.25h**
San Francisco 8 a.m. / Boston 11 p.m. / São Paulo 12 p.m. / Frankfurt 5 p.m.

// **May 04, Europe - Middle East - Africa - Asia - Oceania, 1.25h**
Frankfurt 8 a.m. / Moscow 10 a.m. / New Delhi 12:30 a.m. / Beijing 2 p.m. / Sydney 4 p.m.

// [May 11, Europe - Middle East - Africa - Asia - Oceania, 1.25h](#)

Frankfurt 8 a.m. / Moscow 10 a.m. / New Delhi 12:30 a.m. / Beijing 2 p.m. / Sydney 4 p.m.

// [May 12, The Americas - Europe, 1.25h](#)

San Francisco 8 a.m. / Boston 11 p.m. / São Paulo 12 p.m. / Frankfurt 5 p.m.

// [May 19, The Americas - Europe, 1.25h](#)

San Francisco 8 a.m. / Boston 11 p.m. / São Paulo 12 p.m. / Frankfurt 5 p.m.

// [May 20, Europe - Middle East - Africa - Asia - Oceania, 1.25h](#)

Frankfurt 8 a.m. / Moscow 10 a.m. / New Delhi 12:30 a.m. / Beijing 2 p.m. / Sydney 4 p.m.



// [May 17-18, Asia - Oceania, 6h](#)

New Delhi 7:30 a.m. / Beijing 10 a.m. / Sydney 12 p.m.

// [May 31-Jun 01, Europe - Middle East - Africa, 6h](#)

Frankfurt 9 a.m. / Moscow 10 a.m. / New Delhi 12:30 p.m.

// [Jun 07-08, The Americas, 6h](#)

San Francisco 8 a.m. / Boston 11 a.m. / São Paulo 12 p.m.



// [May 19, Asia - Oceania, 6h](#)

New Delhi 7:30 a.m. / Beijing 10 a.m. / Sydney 12 p.m.

// [Jun 02, Europe - Middle East - Africa, 6h](#)

Frankfurt 9 a.m. / Moscow 10 a.m. / New Delhi 12:30 p.m.

// [Jun 09, The Americas, 6h](#)

San Francisco 8 a.m. / Boston 11 a.m. / São Paulo 12 p.m.

Corporate Training

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Latest Releases

Microbial Assays for Antibiotics Package 1.0.0 (build 45)

Released: 2022-02-22

PLA 3.0.6 (build 916)

Released: 2021-11-18

Control Chart Package 1.0.0 (technology preview)

Released: 2021-08-16

Dose-Response Analysis Package 1.0.0

Released: 2020-12-10

Download

Add-ons for PLA 3.0

PLA is an extensible platform. The user has several options to customize this platform

and extend its functionality with add-ons. Go to our [website](#) and find it under 'PLA 3.0'.



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