

APPENDIX

ii) Data and Calculations Involved in the determination of IC₅₀ values

To determine the growth percentage of the parasite for a given concentration:

- 1- Average the control countings (in each plate the middle wells contain only complete media and infected blood);
- 2- Average the live parasite countings;
- 3- Determine the assay's parasite growth percentage:

$$\text{Growth \%} = (\text{Incubation average counting} / \text{Control average}) \times 100\%$$