

PRICE LIST - MOLECULAR BIOLOGY

Detection				
CODE	ASSAY	Up to 5 samples - US \$	From 6 to 30 samples - US \$	Additional/sample, + than 30 samples/same flock - US \$
aev	Avian encephalomyelitis virus	75	150	150 + 5 / sample
alvj	Myeloid leukosis (subgroup J)			
apg	Infectious coryza			
bint	Brachyspira intermedia			
bpil	Brachyspira pilosicoli			
cav	Chicken anemia virus			
castv	Avian Astrovirus			
cper	Clostridium perfringens			
eds	Egg drop syndrome 1976 (EDS-76) virus			
fadv	Avian adenovirus			
ibvbr	IBV GI-11 (BR) lineage			
ibvGI13	IBV GI-13 lineage			
ibvGI16	IBV GI-16 lineage			
ibvGI23	IBV GI-23 lineage			
ibvmass	IBV GI-1 (MASS) lineage			
ibvq	Infectious bronchitis virus			
iltv	Laryngotracheitis virus			
lsv	Leukosis / Sarcoma - exogenous subgroups A, B, C, D, J			
mba	Mycobacterium avium			
mbt	Mycobacterium tuberculosis complex (M. tuberculosis and M. bovis)			
mdv	Marek (serotype 1)			
md3	Marek (serotype 3)			
mg	Mycoplasma gallisepticum			
mio	Mycoplasma iowae			
mm	Mycoplasma meleagridis			
ms	Mycoplasma synoviae			
pm	Pasteurella multocida			
reo	Avian reovirus			
rev	Avian reticuloendotheliosis			
revv	Virion (RNA) of avian reticuloendotheliosis virus			
salspp	Salmonella spp.			
se	Salmonella Enteritidis			
sgp	Salmonella Gallinarum			
sh	Salmonella Heidelberg			
st	Salmonella Typhimurium			

Quantification			
CODE	ASSAY	1 sample - individual test - US \$	Additional/sample, from a same flock - US \$
cperq	<i>Clostridium perfringens</i>	140	28
ibdvq	<i>Infectious bursal disease virus</i>		
ibvqt	<i>Avian infectious bronchitis virus</i>		
md3q	<i>Marek's disease virus serotype 3 - HVT strain</i>		
mdvq	<i>Marek's disease virus - Serotype 1</i>		
Typification			
CODE	ASSAY	Up to 5 samples - US \$	From 6 to 30 samples - US \$
ampv	<i>Avian metapneumovirus AMPV-A and AMPV-B</i>	140	190
ibdv	<i>Infectious bursal disease virus</i>		
ibvtip	<i>Avian infectious bronchitis virus with identification GI-1 (MASS), GI-11 (BR) and GI-23 lineage</i>		
ibvGI23tip	<i>GI-23 lineage of IBV with differentiation from the TABic IBVAR206 vaccine strain.</i>		
mdv1tip	<i>Differentiation of vaccine strain (Rispens) and field strain of MDV1</i>		
mgtip	<i>M. gallisepticum - Strains F, TS-11, 6/85, MG-70 and field strain</i>		
saltip	<i>Salmonella spp. with typification of Gal, Pul, Ent and Typ</i>		
set	<i>Enteritidis and Typhimurium - detection and differentiation</i>		
sg9r	<i>Gallinarum 9R / Gallinarum non-vaccine strain of Salmonella</i>		
ibvxtip	<i>Avian infectious bronchitis virus with identification GI-1 (MASS), GI-11 (BR), GI-13, GI-16 and GI-23 lineage</i>	215	265
CODE	ASSAY	Individual sample - US \$	
apec	<i>E. Coli Pathogenicity Factors</i>	140	
gse	<i>S. Enteritidis and Gallivac Se Vaccine Strain</i>		
seth	<i>Enteritidis, Typhimurium e Heidelberg - detection and differentiation</i>	170	

Prices in US dollars, US \$. - for clinical samples of birds of the same flock.

IMPORTANT - for sequencing analyses, if the result of PCR amplification is negative or the CT by real-time PCR is very high (sample disqualification), the price to be paid will be **US \$ 100.00**.

- For information on sequencing as in validated modalities, prices and deadline see the link: <https://www.simbios.com.br/precos-179>

Additional banking, customs and tax fees - US \$ 220.00 - for each billing, by sending a report consolidating the analysis in the monthly period (to reduce these costs). The company reserves the right to modify the conditions in accordance with changes in Brazilian law or banking policies, without prior notice.

- **Detection by polymerase chain reaction (PCR) and its variations:**
 - RT-PCR** - PCR preceded by reverse transcription
 - qPCR and RTqPCR** - Real-Time PCR and qPCR after reverse transcription
 - Nested PCR** – double PCR amplification
- **Typification by specific PCR amplification (and its variations) or in combination with RFLP**
 - Restriction fragment length polymorphism
- **Sequencing studies**

The timeframe for obtaining the result, except for the need to repeat the test, is 7 business days after the sample is received at the laboratory or prior authorization of the test performed by the customer, if applicable.

Prices valid from January / 2022

Cachoeirinha, RS, Brazil, December 2021.

If necessary, request the price list for the previous year at simbios@simbios.com.br