

**Preliminary PDG Budget:**

Items to be funded by PDG:

Item	Price	Amount Required	Additional Information	Line Total
TaqMan MGB Probe 20,000 PMoles	\$468.00	1	<i>Babesia microti</i> TaqMan probe for detection of DNA	\$468.00
MicroAmp 96-Well Reaction Plate	\$53.60/pack	4	Optical 96-well plates for qPCR reactions	\$214.40
Optical Adhesive Covers	\$57.20/pack	1	Optical adhesive covers for MicroAmp Reaction Plates	\$57.20
<b>Preliminary Total</b>				<b>\$739.60</b>

Items to be funded by the Vector Ecology Lab:

Item	Price	Amount Required	Additional Information	Line Total
TaqMan MGB Probe 20,000 PMoles	\$468.00	2	<i>Borrelia burgdorferi</i> and <i>Anaplasma phagocytophilum</i> TaqMan probe for detection of DNA	936.00
TaqMan Universal Master Mix II	\$50.80	30	Master Mix required for TaqMan Probebased qPCR reactions	\$1524.00
Optical Adhesive Covers	\$57.20/pack	1	Optical adhesive covers for MicroAmp Reaction Plates	\$57.20
<b>Preliminary Total</b>				<b>\$2,517.20</b>

**Preliminary Budget Justification:**

The amount I am seeing from the Professional Development Grant is a small fraction of the total project cost. The Vector Ecology Laboratory will be able to cover some of the supplies with additional external and internal funds. These prices have been negotiated with Life Technologies and include discounts of up to 53% for TaqMan Master Mix based on list prices. Life Technologies has also agreed to cover the shipping and handling fee. Please see attached quotation.