

Risk and Assessments (InVia Raman Microscope)

<i>Risk</i>	<i>Effect</i>	<i>Assessments</i>
<i>Hazardous chemical agents</i>	<ul style="list-style-type: none"> • <i>Serious illness</i> • <i>Immediate or long-term and range from mild eye irritation to chronic lung disease.</i> 	<ul style="list-style-type: none"> • <i>safety footwear</i> • <i>Lab Coat</i> • <i>Face Mask</i> • <i>Gloves</i> • <i>Goggles</i>
<i>High power laser</i>	<ul style="list-style-type: none"> • <i>Skin damage</i> • <i>Burns</i> • <i>Eye damage</i> 	<ul style="list-style-type: none"> • <i>Appropriate laser safety goggles must be worn while measurement.</i>
<i>Sample damage</i>	<ul style="list-style-type: none"> • <i>Burn</i> 	<ul style="list-style-type: none"> • <i>Laser power should be reduce significantly to avoid sample burning.</i>
<i>Electric shock</i>	<ul style="list-style-type: none"> • <i>Shock to user</i> 	<ul style="list-style-type: none"> • <i>Don't open the laser enclosure when it is switched on.</i>
<i>Short Circuit</i>	<ul style="list-style-type: none"> • <i>Fire</i> 	<ul style="list-style-type: none"> • <i>Fire alarm should be activated</i> • <i>Fire extinguisher should be installed and well run.</i> • <i>Fire service called.</i> • <i>Evacuate the building.</i>