



Hypoxyprobe, Inc
121 Middlesex Turnpike
Burlington, MA 01803 USA
www.hypoxyprobe.com

Hypoxyprobe™ Explorer Kit

(Note that the Hypoxyprobe Explorer service is for formalin fixed paraffin embedded tissues only.)

Hypoxyprobe™-1 Explorer is for investigators who want to know before they purchase a Hypoxyprobe Kit whether their target has hypoxia and/or which Hypoxyprobe Kit would be best for their investigation. Hypoxyprobe™-1 Explorer Kits come in two sizes: one for mice and one for rats.

Explorer Contents (Mouse):

- 1.) Five mg solid pimonidazole HCl (Hypoxyprobe™-1)
- 2.) Five Probe-on-Plus glass slides

Explorer Procedure (Mouse):

- 1.) After receiving the Hypoxyprobe Explorer Kit, the Investigator injects up to 3 mice with pimonidazole HCl (1.5 mg per 25 g mouse), harvests the tissue of interest after 60 minutes, fixes the tissue with neutral buffered formalin, embeds the fixed tissue in paraffin and sections the embedded tissue onto Probe-on- Plus slides (3 slides per mouse, for example).
- 2.) The Investigator mails or expresses five tissue sections attached to Probe-on-Plus slides to Scott Raleigh at Hypoxyprobe, Inc.'s North Carolina Laboratory:

Scott Raleigh
9513 Coach Way
Chapel Hill, NC
USA 27516

Phone: 919-448-8725

121 Middlesex Turnpike · Burlington MA · 01803 · USA · Tel 781 272 6888 · Fax 781 272 9288 · tleee@natural-pharma.com

Explorer Contents (Rat):

- 1.) Forty five mg solid pimonidazole HCl (Hypoxyprobe™-1)
- 2.) Five Probe-on-Plus glass slides

Explorer Procedure (Rat):

- 1.) After receiving the Hypoxyprobe Explorer Kit, the Investigator injects up to 3 rats with pimonidazole HCl (15 mg per 250 g rat), harvests the tissue of interest after 90 minutes, fixes the tissue with neutral buffered formalin, embeds the fixed tissue in paraffin and sections the embedded tissue onto Probe-on- Plus slides (3 slides per rat, for example).
- 2.) The Investigator mails or expresses five tissue sections attached to Probe-on-Plus slides to Scott Raleigh at Hypoxyprobe, Inc.'s North Carolina Laboratory:

Scott Raleigh
9513 Coach Way
Chapel Hill, NC
USA 27516
Phone: 919-448-8725

Procedure at Hypoxyprobe, Inc.

Tissue sections will be tested for the presence of hypoxia by means of a sensitive immunohistochemical technique. If hypoxia is present, various Hypoxyprobe Kits will be tested for optimal detection of hypoxia in the tissue. A report along with immunostained slides will be returned to the Investigator. Return can be by regular or express mail depending on the Investigator's wishes.

Species	Cat #	Pimonidazole HCl	Slides	Cost
Mouse	HP-13	5 mg	5	\$165 (US)
Rat	HP-14	45 mg	5	\$265 (US)