	POLICY TITLE:	DEPARTMENT: Laboratory
c e n t r a l peninsula hospital 250 Hospital Place Soldoma, AK 99669	Collection of Nasopharyngeal	CATEGORY: Laboratory Services
	Swabs for Respiratory Virus	
	PCR	SECTION: Microbiology
	POLICY NUMBER:	EFFECTIVE DATE: May 2023
	CPGH.705.040	Original Date of Policy: 6/91 (MC-546)
	AUTHORIZED BY: Laboratory Medical Director	Revised: CPGH.705.040 8/15, (MC-546 12/91, 2/92, 2/94, 5/94, 4/95, 9/2000, 2/06, 1/10, 11/17, 1/20, 4/23
		Reviewed: 1/99, 7/2000, 8/01, 5/03, 10/04, 7/07, 12/08, 11/09, 6/11, 10/12, 5/13, 12/16, 1/19, 1/20, 7/20, 7/21, 5/23
APPLIES TO:	Collection of nasopharyngea	al swabs for respiratory virus PCR testing.
RESPONSIBILIT		cting nasopharyngeal samples for respiratory virus ders, nursing staff, phlebotomists, cardiopulmonary ied medical staff.
DEFINITIONS:		
PURPOSE:	To instruct collection person and transport of NP swabs for	nel in the proper procedures for collection, storage or PCR testing.
PRINCIPLE:	isolation and identification of Sample Collection Kit is inte nasopharyngeal swab specie	from the patient is extremely critical for successful f infectious organisms. The Xpert® Nasopharyngeal nded for the collection and transport of mens containing viruses from patients from the aboratory prior to analysis with Xpert and Xpress tests thogen Panel RP (RP2.1).
	balanced salt solution supple sucrose, and glutamic acid. used to indicate pH. Vancom the medium to inhibit growth isotonic and non-toxic to ma	bort Medium (UTM-RT) consists of modified Hank's emented with bovine serum albumin, cysteine, gelatin, The pH is buffered with HEPES buffer. Phenol red is hycin, amphotericin B, and colistin are incorporated in of competing bacteria and yeast. The medium is mmalian host cells. The presence of sucrose acts ids in the preservation of respiratory viruses if C) for prolonged storage.
MATERIALS:		ple Collection Kit or equivalent oves, a lab coat, and mask or face shield, if indicated. ort bag
STORAGE:	overheat. Do not incu	nple Collection Kit: be stored in its original container at 2–25 °C. Do not ubate or freeze prior to use. I result in a loss of efficacy. Do not use after the

Central Peninsula Hospital Policy Title: Collection of Nasopharyngeal Swabs for Respiratory Virus PCR Category/Section: Laboratory Services/Microbiology Policy Number: CPGH.705.040		
Page 2 of 2	For alternate manufacturers, store unopened, unused kits and materials according to manufacturer package insert.	
SPECIMEN:	Xpert Nasopharyngeal Sample Collection Kit or equivalent Refer to assay policies for assay-specific sample specifications.	
PROCEDURE:	 Don appropriate PPE before approaching the patient & perform hand hygiene. Verify the patient's identity according to CPH protocol. Position the patient: Instruct the patient to sit erect on the edge of the bed or chair facing the collector. If the patient cannot sit up, or movement is medically contraindicated, the procedure may be performed with the patient laying down. Infants and small children may lie down or be held and secured by a parent or guardian. Older children may be held in a parent/guardian's lap with their head secured against the parent/guardian's chest. Collect the specimen according to Attachment A – Nasopharyngeal Specimen Collection. Note: when collecting from an infant or young child, grasp the swab about 1 inch up the shaft from the tip. Insert the swab until your fingers touch the outside of the nostril. Do not insert the swab past this point. Label with appropriate patient information according to CPGH.700.080. Transport sample to the laboratory for analysis. 	
REPORTING RESULTS:	N/A	
REFERENCE RANGES:	N/A	
QUALITY CONTROL:	N/A	
CALIBRATION:	N/A	
MAINTENANCE:	N/A	
LIMITATIONS:	 If Xpert Nasopharyngeal Collection kits are unavailable an acceptable alternate, as determined by the clinical laboratory, may be used. Specimens should be handled aseptically. The Xpert Nasopharyngeal Sample Collection Kit is intended for use as a collection and transport medium for respiratory viruses only. The Xpert Nasopharyngeal Sample Collection Kit is intended to be used with the medium tube and swab provided in the kit. The use of tubes of medium or swabs from any other source could affect the performance of the product. 	
REVISION RESPONSIBILITY:	Microbiology supervisor or designee	
REFERENCES:	Xpert [®] Nasopharyngeal Sample Collection Kit (For Viruses). 302-6819, Rev. B August 2022. Ref. SWAB/B-100. Nasopharyngeal Sample Collection. 301-6052, Rev. H September 2021. Cepheid 2001.	